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FORMULA INDEX.

THE following index of organic compounds of known empirical formula is arranged according to Richter's system (see *Lexikon der Kohlenstoff-Verbindungen*).

The elements are given in the order C, H, O, N, Cl, Br, I, F, S, P, and the remainder alphabetically.

The compounds are arranged—

Firstly, in groups according to the number of carbon atoms (thus C_1 group, C_2 group, etc.).

Secondly, according to the number of other elements besides carbon contained in the molecule (thus 5 IV indicates that the molecule contains five carbon atoms and four other elements).

Thirdly, according to the nature of the elements present in the molecule (given in the above order).

Fourthly, according to the number of atoms of each single element (except carbon) present in the molecule.

Salts are placed with the compounds from which they are derived. The chlorides, bromides, iodides, and cyanides of quaternary ammonium bases, however, are registered as group-substances.

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CH_4 Methane, ignition of mixtures of air and (MORGAN and WHEELER), 241; lability of halogen atoms in substituted nitro-derivatives of (MACBETH and PRATT), 1356; synthesis of the polyacetic acids from (INGOLD), 341; (INGOLD and POWELL), 1222, 1869; (INGOLD and PERREN), 1582, 1865.

CCl_4 Carbon tetrachloride, purification and condensations of (INGOLD and THORPE), 1227.

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$CHCl_3$ Chloroform, additive compound of 4′-dimethylamino-2-hydroxydistyryl ketone with (HEILBRON and BUCK), 1510.

CH_2O Formaldehyde, photosynthesis of (BALY, HEILBRON, and BARKER), 1025.

CH_2O_2 Formic acid, preparation of (COFFEY and WARD), 1303.

CH_2I_2 Methylene iodide, preparation of (PERKIN and SCARBOROUGH), 1408.

CH_2S_3 Trithiocarbonic acid, salts of (YEOMAN), 38.

CH_2S_4 Perthiocarbonic acid, salts of (YEOMAN), 38.

1 III

CHO_6N_3 Nitroform, preparation of halogen derivatives of (MACBETH and PRATT), 354; colorations produced by substituted derivatives of (GRAHAM and MACBETH), 1362.

CH_4N_2S Thiocarbamide, additive compounds of azonium iodides with (SINGH and LAL), 210.

$CH_4N_2S_3$ Dithiocarbazinic acid, and its salts (LOSANITCH), 763.

CO_2NCl_3 Chloropicrin, preparation of (ORTON and MCKIE), 29.

CO_6N_3Cl Chlorotrinitromethane (MACBETH and PRATT), 354.

C_2 Group.

C_2H_2 Acetylene, explosion of nitrogen and (GARNER and MATSUNO), 1903; action of mercuric chloride with (JENKINS), 747.

C_2H_4 Ethylene, propagation of flame in mixtures of air and (CHAPMAN), 1677; action of sulphur monochloride with (MANN, POPE, and VERNON), 634.

2 II

$C_2H_4O_2$ Acetic acid, equilibrium of aniline with (O'Connor), 400; additive compounds of, with benzene and 4′-dimethylamino-2-hydroxydistyryl ketone (Heilbron and Buck), 1511.

C_2H_5I Ethyl iodide, velocity of reaction of sodium β-naphthoxide and (Cox), 149.

C_2H_6O Ethyl alcohol, additive compound of 4′-dimethylamino-2-hydroxydistyryl ketone with (Heilbron and Buck), 1510.

$C_2H_{11}N$ Diethylamine, action of ethyl nitrate on (Gibson and Macbeth), 441.

2 III

C_2HOCl_3 Chloral, condensation of cresotic and gallic acids with (Alimchandani and Meldrum), 201.

$C_2H_2O_2Cl_2$ Dichloroacetic acid, preparation of esters of (Crompton and Triffitt), 1874.

$C_2H_3Cl_2As$ β-Chlorovinyldichloroarsine (Green and Price), 451.

C_2H_5ONa Sodium ethoxide, action of carbon tetrachloride with (Ingold and Powell), 1228.

$C_2H_5O_3N$ Ethyl nitrate, preparation of (Hepworth), 254; action of diethylamine on (Gibson and Macbeth), 441.

$C_2H_5Br_3Sn$ Ethylstannic tribromide (Druce), 761.

C_2H_6OS Monothioethylene glycol (Bennett), 422; condensation reactions of (Bennett and Whincop), 1860.

$C_2H_6O_3Sn$ Ethylstannic acid, and its salts (Druce), 758.

$C_2H_6O_4S$ Ethyl hydrogen sulphate, equilibrium of the formation of (Dunnicliff and Butler), 1384; potassium salt, dimorphism of (Hammick and Mullaly), 1802.

$C_2H_6N_2S_2$ Methyl dithiocarbazinate (Losanitch), 764.

$C_2H_6N_4S_3$ Sulphidodithiocarbamide, dihydrochloride of (Naik), 1168.

C_2H_6ITl Thalliumdimethyl iodide (Goddard), 674.

$C_2H_6I_2Te$ Dimethyltelluronium di-iodides, crystallography and pharmacological properties of (Knaggs and Vernon), 105.

$C_2H_6I_4Te$ Dimethyltelluronium tetraiodide (Vernon), 695.

C_2H_7ON ββ-Dimethylhydroxylamine, and its salts (Hepworth), 256.

C_2H_7OTl Thalliumdimethyl hydroxide, salts of (Goddard), 674.

$C_2H_7Cl_3Sn$ Ethylchlorostannic acid, and its salts (Druce), 761.

$C_2H_8O_2Te$ Dimethyltelluronium dihydroxide, nitrates of (Vernon), 694.

2 IV

$C_2H_2O_2ClBr$ Chlorobromoacetic acid, preparation of esters of (Crompton and Triffitt), 1874.

$C_2H_5O_3ClS$ Chloroethanesulphonic acid, sodium salt (Bennett), 420.

C_3 Group.

C_3H_6 Propylene, action of sulphur monochloride on (Coffey), 94.

3 II

C_3H_5Cl Allyl chloride, preparation of (Coffey and Ward), 1305.

C_3H_6O Acetone, action of ammonia on (Patterson and McMillan), 269.

Allyl alcohol, preparation of (Coffey and Ward), 1303.

$C_3H_6O_2$ Ethyl formate, influence of neutral salts on the hydrolysis of (Manning), 2079.

Methyl acetate, rate of hydrolysis of (Burrows), 1798.

3 III

$C_3H_7O_3Na$ α-Sodium glyceroxide (Fairbourne and Toms), 1035.

C_3H_8IAs Methylethyliodoarsine (Burrows and Turner), 433.

3 IV

$C_3H_5O_2N_2Br$ Bromomalonamide (BACKES, WEST, and WHITELEY), 364.
$C_3H_7O_3ClS$ Chloropropanesulphonic acid, barium salt (COFFEY), 96; (POPE and SMITH), 398.

C_4 Group.

$C_4H_6O_2$ Allyl formate, preparation of (COFFEY and WARD), 1303.
$C_4H_6O_6$ Tartaric acid, decomposition of, by heat (CHATTAWAY and RAY), 34; complex cupric salts of (PACKER and WARK), 1348.
$C_4H_8O_2$ Ethyl acetate, additive compound of 4′-dimethylamino-2-hydroxydistyryl ketone with (HEILBRON and BUCK), 1510.
$C_4H_{10}O$ Ethyl ether, solubility of, in solutions of sodium chloride (THORNE), 262.

4 III

$C_4H_4Cl_3As$ $\beta\beta'$-Dichlorodivinylchloroarsine (GREEN and PRICE), 452.
$C_4H_6OCl_2$ $\alpha\beta$-Dichlorovinyl ethyl ether, preparation of dichloro- and chlorobromo-acetates from (CROMPTON and TRIFFITT), 1874.
$C_4H_7ON_3$ *cyclo*Propanonesemicarbazone (INGOLD), 329.
$C_4H_8Cl_2S$ $\beta\beta'$-Dichlorodiethyl disulphide (BENNETT), 418.
$C_4H_8Cl_2S_3$ $\beta\beta'$-Dichlorodiethyl trisulphide (MANN, POPE, and VERNON), 639.
$C_4H_{11}OTl$ Thalliumdiethyl hydroxide, salts of (GODDARD), 675.

4 IV

$C_4H_8O_2N_2S$ *N*-Sulphidobisacetamide (NAIK), 1167.
$C_4H_9O_2N_2Br$ Bromomalondimethylamide (BACKES, WEST, and WHITELEY), 365.
$C_4H_9O_3ClS$ β-Chlorobutane-γ-sulphonic acid, barium salt (POPE and SMITH), 399.
$C_4H_{12}OI_2Te_2$ Di-iodotetramethylditelluronium oxide (VERNON), 691.

4 V

$C_4H_{17}ON_4Cl_2Co$ *trans*-Dichlorodiethylenediaminecobaltic hydroxide, salts of (DUFF), 1987.

C_5 Group.

$C_5H_4O_4$ Δ^2-*cyclo*Propene-1:2-dicarboxylic acid (FARMER and INGOLD), 2015.
C_5H_5N Pyridine, additive compound of 4′-dimethylamino-2-methoxydistyryl ketone phenylhydrazone with (HEILBRON and BUCK), 1520.
$C_5H_6O_5$ *cyclo*Propanol-1:2-dicarboxylic acid, and its silver salt (INGOLD), 326.
$C_5H_8O_5$ Lactonic acids of $\alpha\alpha'$-dihydroxyglutaric acids, and their silver salts (INGOLD), 322.
$C_5H_8O_5$ α-Hydroxyglutaric acid (INGOLD), 318.
$C_5H_8O_6$ $\alpha\alpha'$-Dihydroxyglutaric acids (INGOLD), 322.
$C_5H_{11}N$ Piperidine, action of, on alkyl nitrates (GIBSON and MACBETH), 438; action of, on silicon organic compounds (KIPPING and SANDS), 848.

5 III

$C_5H_5O_4Br$ 1-Bromo*cyclo*propane-1:2-dicarboxylic acid, and its salts (INGOLD), 325.
$C_5H_6O_3N_2$ 4-Nitro-3:5-dimethyl*iso*oxazole (MORGAN and BURGESS), 699.
$C_5H_6O_4Br_2$ Dibromoglutaric acids (INGOLD), 317.
$C_5H_7O_2N$ Ethyl cyanoacetate, syntheses by means of (INGOLD), 329, 341; (INGOLD and PERREN), 1582, 1865; sodium derivative, condensation of carbon tetrachloride with (INGOLD and POWELL), 1229.

$C_5H_7O_2N_3$ 3:5-Dimethyl*iso*oxazole-4-diazonium hydroxide, salts of (Morgan and Burgess), 702.

$C_5H_8ON_2$ 4-Amino-3:5-dimethyl*iso*oxazole, and its hydrochloride (Morgan and Burgess), 700.

$C_5H_{15}O_2N$ Choline, crystalline, preparation of (Dudley), 1260.

5 IV

$C_5H_2ON_6Fe$ Nitroprussic acid, and its salts (Burrows and Turner), 1450.

C_5H_6ONI 4-Iodo-3:5-dimethyl*iso*oxazole (Morgan and Burgess), 1547.

$C_5H_6O_2Br_2Te$ Tellurium acetylacetone dibromide (Morgan and Drew), 616.

$C_5H_6O_2I_2Te$ Tellurium acetylacetone di-iodide (Morgan and Drew), 617.

$C_5H_8O_2N_2S_2$ Dithiomesoxodimethylamide (Naik), 384.

C_6 Group.

C_6H_6 Benzene, adsorption of, by charcoal (Bakr and King), 454; chlorination of, with sulphuryl chloride (Silberrad), 2029; additive compound of 4′-dimethylamino-2-hydroxydistyryl ketone with (Heilbron and Buck), 1510.

C_6H_{12} β-Ethyl-Δ^{α}-butylene (Kon), 821.

6 II

$C_6H_4O_2$ *p*-Benzoquinone, additive compound of 4′-dimethylamino-2-hydroxydistyryl ketone with (Heilbron and Buck), 1511.

C_6H_6O Phenol, additive compound of 4′-dimethylamino-2-hydroxydistyryl ketone with (Heilbron and Buck), 1511.

C_6H_7N Aniline, equilibrium of acetic acid with (O'Connor), 400; velocity of reaction of ω-bromoacetophenone and (Cox), 145.

$C_6H_8O_5$ Methoxy*cyclo*propane-1:2-dicarboxylic acid, and its silver salt (Ingold), 327.

$C_6H_{10}O_5$ β-Glucosan, preparation and relationships of (Irvine and Oldham), 1744.

α-Methoxyglutaric acid, and its silver salt (Ingold), 320.

$C_6H_{11}N_3$ 4-β-Methylaminoethylglyoxaline, and its salts (Fargher and Pyman), 734.

$C_6H_{12}O_6$ Dextrose, mutarotation of, and its catalysis by metals (Garner and Jackman), 1936.

$C_6H_{12}N_4$ Hexamethylenetetramine, compounds of, with metallic salts and acids (Rây and Sarkar), 390.

6 III

$C_6H_3O_6N_3$ *s*-Trinitrobenzene, additive compounds of, with 4′-dimethylamino-2-hydroxydistyryl ketone and 4′-dimethylamino-2-methoxydistyryl ketone (Heilbron and Buck), 1511.

$C_6H_3O_7N_3$ Picric acid, preparation of (King), 2105; equilibrium of 5-phenylacridine with (Bassett and Simmons), 416.

$C_6H_3O_{12}Fe$ Ferrioxalic acid, potassium salt (Thomas), 1140.

$C_6H_4O_4N_2$ *m*-Dinitrobenzene, additive compounds of, with 4′-dimethylamino-2-hydroxydistyryl ketone and 4′-dimethylamino-2-methoxydistyryl ketone (Heilbron and Buck), 1511.

$C_6H_4O_5N_2$ Dinitrophenols, influence of position on the solubility and volatility of (Sidgwick and Aldous), 1001.

$C_6H_5O_3N$ Nitrophenols, influence of position on the solubility and volatility of (Sidgwick and Aldous), 1001.

$C_6H_5Br_2Bi$ Phenyldibromobismuthine, preparation of (Challenger and Allpress), 919.

$C_6H_6O_2N_2$ Nitroanilines, solubility and volatility of (Sidgwick and Rubie), 1013.

C_6H_6NCl Chloroanilines, solubility and volatility of (Sidgwick and Rubie), 1013.

$C_6H_6Cl_3As$ $\beta\beta'\beta''$-Trichlorotrivinylarsine (Green and Price), 452.

C_6H_7ON δ-Benzildioxime (Atack and Whinyates), 1184.

β-Phenylhydroxylamine, preparation of, from nitrobenzene (Lapworth and Pearson), 765.

$C_6H_8O_4Br_2$ Dibromoadipic acids (Perkin and Robinson), 1392.

$C_6H_8O_4I_2$ Di-iodoadipic acids (Ingold), 964.

C_6H_8NI Methylpyridinium iodide, mercuri-iodide of, and its crystallography (Porter), 1770.

$C_6H_{12}N_2S_4$ Methyl bismethyldithiocarbamate (Losanitch), 765.

$C_6H_{12}Cl_2S$ $\beta\beta'$-Dichlorodi-*n*-propyl sulphide (Coffey), 97; (Pope and Smith), 397.

$C_6H_{12}Cl_2S_2$ Ethylene bis-β-chloroethyl sulphide (Bennett and Whincop), 1862.

$C_6H_{14}O_2S$ $\beta\beta'$-Dihydroxydi-*n*-propyl sulphide (Coffey), 96.

$C_6H_{14}O_2S_2$ Ethylene bis-β-hydroxyethyl sulphide (Bennett and Whincop), 1862.

6 IV

C_6H_4ONCl *o*- and *m*-Chloronitrosobenzenes (Haworth and Lapworth), 772.

$C_6H_5O_6NS$ 6-Nitrophenol-*o*-sulphonic acid, and its salts (King), 1417.

C_6H_6ONCl *m*-Chlorophenylhydroxylamine (Haworth and Lapworth), 773.

$C_6H_6O_2N_3Cl$ 2-Chloro-5-nitrophenylhydrazine (Perkin and Plant), 1837.

$C_6H_6O_6N_2S$ Nitroaminophenol-*o*-sulphonic acids (King), 1418.

$C_6H_7O_4NS$ 6-Aminophenol-*o*-sulphonic acid (King), 1117, 1417.

$C_6H_8O_4N_2S$ 4:6-Diaminophenol-*o*-sulphonic acid (King), 1419.

$C_6H_{18}O_2I_2Te_2$ Di-iodohexamethyltritelluronium dioxide (Vernon), 690.

6 V

$C_6H_8O_6NSAs$ 3-Amino-4-hydroxy-5-sulphinophenylarsinic acid (King), 1113.

3-Amino-4-hydroxy-5-sulphophenylarsenious acid (King), 1420.

$C_6H_8O_7NSAs$ 3-Amino-4-hydroxy-5-sulphophenylarsinic acid (King), 1114.

C_7 Group.

C_7H_8 Toluene, sulphonation of, with chlorosulphonic acid (Harding), 1261.

7 II

C_7H_6O Benzaldehyde, condensation of *m*-dimethylaminophenol with (Krishna and Pope), 286.

$C_7H_6O_2$ Salicylaldehyde, additive compounds of 4′-dimethylamino-2-hydroxydistyryl ketone with (Heilbron and Buck), 1512.

$C_7H_6O_5$ Gallic acid, condensation of chloral with (Alimchandani and Meldrum), 201.

$C_7H_6Cl_2$ *m*-Chlorobenzyl chloride (Kenner and Witham), 1460.

$C_7H_8O_2$ Dimethylpyrone, action of iodine and barium hydroxide on (Collie and Reilly), 1550.

$C_7H_8O_5$ Anhydro-acid from methanetriacetic acid (Ingold), 353.

$C_7H_8N_2$ 1:1-Dimethyl*cyclo*propane-2:3-dicarboxylonitrile (Birch, Gough, and Kon), 1322.

$C_7H_{10}O_4$ *cis*- and *trans*-1:1-Dimethyl*cyclo*propane-2:3-dicarboxylic acids (Birch, Gough, and Kon), 1322.

$C_7H_{10}O_6$ Methanetriacetic acid, preparation of (INGOLD), 352.
$C_7H_{12}O_4$ Diethyl malonate, sodium derivative, condensations of $\alpha\beta$-unsaturated esters with (INGOLD and POWELL), 1976.

7 III

$C_7H_5O_3N_3$ Nitro-3-keto-1:3-dihydroindazoles, and their sodium salts (KENNER and WITHAM), 1055.
$C_7H_5O_4N_5$ 2:4-Dinitro-*m*-tolylazoimide (BRADY and BOWMAN), 898.
$C_7H_5O_6N_3$ 2:4:6-Trinitrotoluene, additive compound of 4′-dimethylamino-2-hydroxydistyryl ketone with (HEILBRON and BUCK), 1511.
$C_7H_5O_8N_5$ Trinitrophenylmethylnitroamine (*tetryl*), thermal decomposition of (HINSHELWOOD), 722.
$C_7H_5O_9N_5$ Trinitrohydroxyphenylmethylnitroamine, thermal decomposition of (HINSHELWOOD), 722.
$C_7H_6O_3N_4$ 4-Nitro-1-hydroxymethyl-1:2:3-benzotriazoles (BRADY and BOWMAN), 898.
$C_7H_6O_4N_2$ 2:4-Dinitrotoluene, additive compound of 4′-dimethylamino-2-hydroxydistyryl ketone with (HEILBRON and BUCK), 1511.
Dinitrotoluenes, partial reduction of (BURTON and KENNER), 1047.
$C_7H_7ON_3$ 5-Amino-3-keto-1:3-dihydroindazole, and its hydrochloride (KENNER and WITHAM), 1056.
$C_7H_7O_2N_3$ Nitroformaldehydephenylhydrazone, tautomerism of (SIDGWICK and EWBANK), 491.
$C_7H_7O_3I$ Substance and its salts, from dimethylpyrone, barium hydroxide, and iodine (COLLIE and REILLY), 1553.
$C_7H_7NS_2$ Phenyldithiocarbamic acid, hydrazine salt (LOSANITCH), 765.
$C_7H_7Cl_2Bi$ *p*-Tolyldichlorobismuthine (CHALLENGER and ALLPRESS), 917.
$C_7H_8O_2N_2$ 2-Nitro-*m*-toluidine (BURTON and KENNER), 1052.
$C_7H_8O_4N_4$ Dinitrotolylhydrazines (BRADY and BOWMAN), 894.
$C_7H_8O_4Br_2$ *cis*-1:3-Dibromo*cyclo*pentane-1:3-dicarboxylic acid (PERKIN and SCARBOROUGH), 1407.
$C_7H_8N_2S_2$ Phenyldithiocarbazinic acid, hydrazine salt (LOSANITCH), 765.
$C_7H_9O_2N$ Caronimide (BIRCH, GOUGH, and KON), 1322.
$C_7H_9N_2Cl$ 2-Chloro-3:4-tolylenediamine (MORGAN and GLOVER), 1706.
$C_7H_{10}ON_2$ *m*-Methoxyphenylhydrazine (KERMACK, PERKIN, and ROBINSON), 1640.
$C_7H_{10}O_2N_2$ 4-Acetylamino-3:5-dimethyl*iso*oxazole (MORGAN and BURGESS), 701.
$C_7H_{10}O_4Br_2$ Methyl $\alpha\alpha'$-dibromoglutarate (INGOLD), 317.
$C_7H_{10}NI$ Ethylpyridinium iodide, mercuri-iodide of, and its crystallography (PORTER), 1770.
Methyl-α-picolinium iodide, mercuri-iodide of, and its crystallography (PORTER), 1772.
$C_7H_{11}O_2N_3$ *dl*-α-Methylamino-β-glyoxaline-4-propionic acid, and its salts (FARGHER and PYMAN), 736.
$C_7H_{11}O_2N$ Ethyl α-carbamylcrotonate (GUPTA), 303.
$C_7H_{13}O_3N_3$ Glycylcholine, and its salts (DUDLEY), 1256.

7 IV

$C_7H_4O_2N_3Cl$ 3-Chloro-5-nitroindazole (KENNER and WITHAM), 1057.
$C_7H_4O_4NCl$ *o*-Chlorodinitrotoluenes (MORGAN and JONES), 187.
$C_7H_5O_2Cl_2S$ 2:6-Dichloro-*p*-toluenesulphonyl chloride (DAVIES), 872.
$C_7H_5O_4N_2Cl$ 3-Chloro-2:4-dinitrotoluene (BRADY and BOWMAN), 897.
o-Chlorodinitrotoluenes (MORGAN and CHALLENOR), 1537; (MORGAN and GLOVER), 1700.

$C_7H_5O_4N_3I$ 3-Iodo-2:4-dinitrotoluene (Brady and Bowman), 897.

$C_7H_6ON_3Cl$ 4-Chloro-1-hydroxy-5-methyl-1:2:3-benzotriazole, and its hydrazine salt (Morgan and Glover), 1705.

$C_7H_6O_3NCl$ *p*-Nitrobenzyl chloride, condensation of nitroso-compounds with (Barrow and Griffiths), 212.

$C_7H_5O_2Cl_2S$ 2-Chloro-*p*-toluenesulphonyl chloride, preparation and nitration of (Davies), 860.

6-Chloro-*o*-toluenesulphonyl chloride (Davies), 878.

$C_7H_6O_3NCl$ 2-Chloro-5-nitro-*p*-cresol, and its salts (Davies), 866.

$C_7H_6O_3Cl_2S$ 2:6-Dichloro-*p*-toluenesulphonic acid, and its salts (Davies), 872.

$C_7H_6O_4N_2Cl$ 2-Chloro-3:5-dinitro-*p*-toluidine (Davies), 868.

$C_7H_6NClBr_2$ 6-Chloro-2:4-dibromo-*m*-toluidine (Davies), 866.

$C_7H_7O_2N_2Cl$ 2- and 6-Chloro-4-nitro-*m*-toluidines (Morgan, Challenor, and Jones), 1544; (Morgan and Glover), 1704.

$C_7H_7O_2ClS$ *o*- and *p*-Toluenesulphonyl chlorides, melting points of mixtures of (Harding), 260.

$C_7H_7O_3ClS$ 6-Chloro-*o*-toluenesulphonic acid, and its salts (Davies), 879.

$C_7H_{11}O_2Cl_3Te$ Tellurium O-ethylacetylacetone trichloride (Morgan and Drew), 613.

$C_7H_{12}O_2N_2Br_2$ Dibromomalondiethylamide (Backes, West, and Whiteley), 367.

$C_7H_{13}O_2N_2Br$ Bromomalondiethylamide (Backes, West, and Whiteley), 366.

7 V

$C_7H_6O_3NClS$ 6-Chloro-*o*-benzoicsulphinide (Davies), 880.

$C_7H_5O_4NCl_2S$ Chloronitro-*o*- and -*p*-toluenesulphonyl chlorides (Davies), 864, 870, 884.

$C_7H_6O_5NClS$ Chloronitro-*o*- and -*p*-toluenesulphonic acids, and their salts (Davies), 865, 870, 884.

$C_7H_7O_2NCl_2S$ 2:6-Dichloro-*p*-toluenesulphonamide (Davies), 872.

$C_7H_7O_4N_2ClS$ Chloronitro-*o*- and -*p*-toluenesulphonamides (Davies), 865, 870, 884.

$C_7H_8O_2NClS$ 6-Chloro-*o*-toluenesulphonamide (Davies), 879.

$C_7H_8O_3NClS$ 6-Chloro-*m*-toluidine-4-sulphonic acid (Davies), 865.

C_8 Group.

C_8H_{16} 1:1-Dimethyl*cyclo*hexane from methylheptenone (Crossley and Renouf), 271.

8 II

$C_8H_6O_6$ Carboxymethanetriacetic dianhydride (Ingold and Powell), 1373.

$C_8H_8O_2$ Anisaldehyde, additive compound of 4′-dimethylamino-2-hydroxydistyryl ketone with (Heilbron and Buck), 1512.

Phenyl acetate, action of sodium on (Perkin), 1284.

$C_8H_8O_3$ Cresotic acids, condensation of chloral with (Alimchandani and Meldrum), 201.

$C_8H_9N_3$ 6-Amino-5-methylindazole (Pearman), 718.

$C_8H_{10}O_6$ Lactone of β-hydroxy-β-methylbutane-γδδ-tricarboxylic acid (Birch, Gough, and Kon), 1323.

cis- and *trans-cyclo*Pentane-1:2:3-tricarboxylic acids, synthesis and resolution of (Perkin and Robinson), 1392.

$C_8H_{10}O_8$ *n*-Butane-αβγδ-tetracarboxylic acid (Ingold), 348.

$C_8H_{10}O_8$ Carboxymethanetriacetic acid, and its salts (INGOLD and POWELL), 1869.

$C_8H_{11}As$ Phenyldimethylarsine, additive compounds of, with arsenic and phosphorus iodides, and metallic iodides (BURROWS and TURNER), 1449.

$C_8H_{12}O$ *cyclo*Pentenylacetone (KON), 823.

$C_8H_{12}O_3$ Ethyl *cyclo*pentanone-3-carboxylate (INGOLD and THORPE), 500.

$C_8H_{12}O_4$ *cyclo*Pentane-1-acetic-1-carboxylic acid (NORRIS and THORPE), 1208.

$C_8H_{12}O_6$ ω-Methylmethanetriacetic acid (INGOLD and PERREN), 1599, 1868.

$C_8H_{14}O$ Ketone, from ββ-diethylglutaric acid (KON), 821.

*cyclo*Pentylacetone (KON), 824.

$C_8H_{16}O$ Ketone, from reduction of ketone $C_8H_{14}O$ (KON), 822.

$C_8H_{16}S_2$ Tetramethyldiethylene disulphide (POPE and SMITH), 400.

8 III

$C_8H_4O_4N_2$ 6-Nitro-3:4-methylenedioxybenzonitrile (KEFFLER), 1478.

$C_8H_5O_4Cl$ 4-Chlorophthalic acid, preparation of (MOORE, MARRACK, and PROUD), 1788.

$C_8H_5NCl_2$ 3-Chloro-2-cyanobenzyl chloride (KENNER and WITHAM), 1458.

C_8H_6OS 3-Oxy(1)thionaphthen, preparation and derivatives of (SMILES and MCCLELLAND), 1810.

$C_8H_6O_3N$ Hydantoin from 6-carbamido-*m*-hydroxybenzoic acid (FROELICHER and COHEN), 1432.

C_8H_6NCl 3-Chloro-*o*-toluonitrile (KENNER and WITHAM), 1458.

C_8H_7OBr ω-Bromoacetophenone, velocity of reaction of aniline and (COX), 145.

$C_8H_7O_2Cl$ 3-Chloro-*o*-toluic acid (KENNER and WITHAM), 1458.

$C_8H_7O_7N_5$ 2:4:6-Trinitrotolylmethylnitrosoamine (BRADY and GIBSON), 104.

$C_8H_7O_8N_5$ 2:4:6-Trinitrotolylmethylnitroamine (BRADY and GIBSON), 98.

$C_8H_7N_2Cl$ 5-Chloro-6-methylbenziminazole (MORGAN and CHALLENOR), 1542.

$C_8H_8O_2N_2$ 2:3-Dicyano-1:1-dimethyl*cyclo*propane-2-carboxylic acid (BIRCH, GOUGH, and KON), 1320.

$C_8H_8O_2S$ *m*-Methylthiolbenzoic acid (SMILES and STEWART), 1797.

$C_8H_8O_3N_2$ *o*-Carbamidobenzoic acid, preparation of (SCOTT and COHEN), 664.

Nitroacetanilides, solubility and volatility of (SIDGWICK and RUBIE), 1013.

$C_8H_8O_4N_2$ Carbamido-*m*-hydroxybenzoic acids (FROELICHER and COHEN), 1430.

$C_8H_8O_4N_4$ Formaldehyde-2:4-dinitro-*m*-tolylhydrazone (BRADY and BOWMAN), 899.

$C_8H_8O_4S$ *m*-Methylsulphonebenzoic acid (SMILES and STEWART), 1797.

$C_8H_8O_5N_4$ Dinitrotolylmethylnitrosoamines (BRADY and GIBSON), 103.

$C_8H_8O_6N_2$ 2:4-Dinitrophenyl-β-hydroxyethyl ether (FAIRBOURNE and TOMS), 2077.

$C_8H_8O_6N_4$ Dinitrotolylmethylnitroamines (BRADY and GIBSON), 103.

$C_8H_9N_2Cl$ 6-Chloro-2-methyl-2:3-tolylenediazoimine (MORGAN and JONES), 191.

$C_8H_9ON_3$ 2:3-Dicyano-1:1-dimethyl*cyclo*propane-2-carboxylamide (BIRCH, GOUGH, and KON), 1320.

$C_8H_9O_3N$ Amino-*m*-methoxybenzoic acids (FROELICHER and COHEN), 1430.

$C_8H_9O_2N_3$ Acetyl-*p*-nitrophenylhydrazine (MORGAN and DREW), 622.

$C_8H_9O_4N_3$ Dinitromethyltoluidines (BRADY and GIBSON), 101.

$C_8H_{10}ON_2$ 6-Amino-2:3-dihydro-1:4-benz*iso*oxazine (FAIRBOURNE and TOMS), 2078.

$C_8H_{10}O_3N_2$ *p*-Aminophenylaminoacetic acid, hydrochlorides of (GRANT and PYMAN), 1901.

$C_8H_{11}ON$ *m*-Dimethylaminophenol, condensation of benzaldehyde with (KRISHNA and POPE), 286.

$C_8H_{11}O_5N_3$ *cyclo*Pentanone-3:4-dicarboxylic acid semicarbazone (INGOLD), 350.

$C_8H_{11}N_2Cl$ 6-Chloro-2-methyl-2:3-tolylenediamine (MORGAN and JONES), 191.

6-Chloro-3-N-methyl-3:4-tolylenediamine (MORGAN and CHALLENOR), 1542.

$C_8H_{12}NI$ Ethyl-α-picolinium iodide, mercuri-iodide of, and its crystallography (PORTER), 1772.

Propylpyridinium iodide, mercuri-iodide of, and its crystallography (PORTER), 1771.

$C_8H_{13}O_2N$ Ethyl cyanomethylbutyrates (INGOLD), 339.

$C_8H_{15}ON$ Oxime of ketone $C_8H_{14}O$ (KON), 822.

$C_8H_{16}Cl_2S$ ββ′-Dichlorodi-*sec.*-butyl sulphide (POPE and SMITH), 399.

$C_8H_{17}ON$ 1-Ethoxymethylpiperidine, preparation of (MCLEOD and ROBINSON), 1474.

8 IV

$C_8H_5O_2N_2Cl$ Substance, from sodium hypochlorite and 2:4-diketo-1:2:3:4-tetrahydroquinazoline (SCOTT and COHEN), 665.

$C_8H_6O_4NCl$ Methyl 2-chloro-3-nitrobenzoate (KENNER and STUBBINGS), 598.

C_8H_8ONCl Chloroacetanilides, solubility and volatility of (SIDGWICK and RUBIE), 1013.

3-Chloro-*o*-toluamide (KENNER and WITHAM), 1458.

$C_8H_8O_3N_2Cl$ Chloronitrotolylmethylnitrosoamines (MORGAN and JONES), 189.

$C_8H_8O_5N_2S$ 2:4-Dinitrophenyl β-hydroxyethyl sulphide (BENNETT and WHINCOP), 1864.

$C_8H_9O_2N_2Cl$ Chloronitro-N-methyltoluidines (MORGAN and JONES), 189.

$C_8H_{10}O_2ClBr$ 4-Chloro-4-bromo-1:1-dimethyl*cyclo*hexane-3:5-dione (NORRIS and THORPE), 1210.

$C_8H_{10}O_3NTl$ Thalliumdimethyl nitrophenoxides (GODDARD), 1312.

$C_8H_{10}O_8N_3Tl$ Thalliumdimethyl 4:6-dinitro-2-aminophenoxide (GODDARD), 1313.

$C_8H_{16}O_2N_2S$ N-Sulphidobisbutyramide (NAIK), 1168.

$C_8H_{16}O_2Cl_2S$ ββ′-Dichlorodi-*sec.*-butylsulphone (POPE and SMITH), 399.

$C_8H_{18}O_2S_3$ Sulphidobis-β-hydroxydiethyl sulphide (BENNETT and WHINCOP), 1863.

$C_8H_{19}O_5N_4Co$ *cis*-Maleatodiethylenediaminecobaltic hydroxide, salts of (DUFF), 388.

$C_8H_{21}O_5N_4Co$ *cis*-Succinatodiethylenediaminecobaltic hydroxide, salts of (DUFF), 387.

$C_8H_{21}O_7N_4Co$ *cis*-Mesotartratodiethylenediaminecobaltic hydroxide, salts of (DUFF), 388.

8 V

$C_8H_7O_4N_2ClS$ 2:4-Dinitrophenyl β-chloroethyl sulphide (BENNETT and WHINCOP), 1864.

$C_8H_7O_4N_2BrS$ 2:4-Dinitrophenyl β-bromoethyl sulphide (BENNETT and WHINCOP), 1864.

$C_8H_7O_5N_2ClS$ 2:4-Dinitrophenyl β-chloroethyl sulphoxide (BENNETT and WHINCOP), 1864.

$C_8H_7O_5N_2BrS$ 2:4-Dinitrophenyl β-bromoethyl sulphoxide (BENNETT and WHINCOP), 1864.

$C_8H_{13}O_4N_4BrCo$ *cis*-Maleatodiethylenediaminecobaltic bromide (+ $2H_2O$) (DUFF), 388.

$C_8H_{13}O_4N_4Br_2Co$ *cis*-Dibromosuccinatodiethylenediaminecobaltic bromide (+ $2H_2O$) (DUFF), 389.

$C_8H_{19}O_5N_4Br_2Co$ *cis*-Dibromosuccinatodiethylenediaminecobaltic hydroxide (DUFF), 389.

$C_8H_{20}O_4N_4BrCo$ *cis*-Succinatodiethylenediaminecobaltic bromide (+ $2H_2O$) (DUFF), 387.

$C_8H_{20}O_5N_4BrCo$ *cis*-Mesotartratodiethylenediaminecobaltic bromide (+ $2H_2O$) (DUFF), 388.

C_9 Group.

$C_9H_8N_2$ 4-Phenylglyoxaline, and its salts (GRANT and PYMAN), 1896.

$C_9H_{10}O_3$ Atrolactinic acid, resolution of (WREN and WRIGHT), 798.
α-Hydroxy-β-phenylpropionic acid (WREN and WRIGHT), 798.

$C_9H_{10}O_4$ Phenylglyceric acid, action of fused potassium hydroxide on (LE SUEUR and WOOD), 1697.

$C_9H_{10}N_4$ 5-Amino-4-*p*-aminophenylglyoxaline, dihydrochloride of (GRANT and PYMAN), 1900.

$C_9H_{12}O_3$ *cyclo*Hexane-1-acetic-1-carboxylic anhydride (NORRIS and THORPE), 1206.

$C_9H_{12}O_5$ Acid, from oxidation of *cyclo*hexane-1:1-diacetic acid (INGOLD and POWELL), 1870.

$C_9H_{14}O_4$ *cyclo*Hexane-1-acetic-1-carboxylic acid, and its silver salt (NORRIS and THORPE), 1206.

$C_9H_{14}O_7$ Trimethyl saccharolactonic acid (IRVINE and OLDHAM), 1757.

$C_9H_{16}O_5$ Ethyl α-hydroxyglutarate (INGOLD), 318.

Trimethyl β-glucosan, preparation of (IRVINE and OLDHAM), 1754.

9 III

$C_9H_5O_5Cl_3$ 3:4:5-Trihydroxy-2-trichloromethylphthalide (ALIMCHANDANI and MELDRUM), 206.

$C_9H_6O_2N_2$ Diketotetrahydroquinazolinecarboxylic acid, and its sodium salt (SCOTT and COHEN), 667.

$C_9H_6O_4N_4$ 5-Nitro-4-*p*-nitrophenylglyoxaline, and its nitrate (GRANT and PYMAN), 1898.

C_9H_7OCl Chloro-1-hydrindones (KENNER and WITHAM), 1459.

$C_9H_7O_2N_3$ 4-Nitrophenylglyoxalines, and their salts (GRANT and PYMAN), 1897.

$C_9H_7O_3N_3$ 5-Nitro-4-*p*-hydroxyphenylglyoxaline (GRANT and PYMAN), 1902.

$C_9H_7O_4N_3$ Acetyl derivative of 5-nitro-3-keto-1:3-dihydroindazole (KENNER and WITHAM), 1055.

$C_9H_8O_2N_4$ 5-Nitro-4-*p*-aminophenylglyoxaline, and its dihydrochloride (GRANT and PYMAN), 1901.

$C_9H_8O_4N_2$ 6-Nitroveratronitrile (KEFFLER), 1479.

$C_9H_8O_5N_2$ 3-Carbamidophthalic acid (+ $\frac{1}{2}H_2O$) (SCOTT and COHEN), 666.

$C_9H_8N_2S$ 2-Thiol-4-phenylglyoxaline, and its salts (GRANT and PYMAN), 1895.

C_9H_9ON 6-Methoxyindole (KERMACK, PERKIN, and ROBINSON), 1632.

$C_9H_9O_2Cl$ 5-Chloro-2:4-dimethylbenzoic acid (MORGAN and HICKINBOTTOM), 1891.

β-*m*-Chlorophenylpropionic acid (KENNER and WITHAM), 1460.

$C_9H_9O_2Br$ 5-Bromo-2-methoxyphenylacetaldehyde (READ and ANDREWS), 1785.

$C_9H_9O_3Cl$ Cinnamic acid chlorohydrin, preparation of (READ and ANDREWS), 1777.

$C_9H_9O_3Br$ Cinnamic acid bromohydrin, and its salts (READ and ANDREWS), 1778.

$C_9H_9O_4I$ Acetyl derivative of substance $C_7H_7O_3I$ (COLLIE and REILLY), 1554.

$C_9H_9O_5N$ *o*-Nitro-*p*-methoxyphenylacetic acid (KERMACK, PERKIN, and ROBINSON), 1631.

3-Nitro-2-methoxy-*p*-toluic acid (SIMONSEN and RAU), 1342.

$C_9H_9O_5N_3$ 4:5-Dinitroaceto-*o*-toluidide (MORGAN and GLOVER), 1703.

$C_9H_9O_{11}Co$ Cobaltimalonic acid, potassium salt (THOMAS), 1140.

$C_9H_9N_2Cl$ 5-Chloro-1:6-dimethylbenziminazole (MORGAN and CHALLENOR), 1541.

$C_9H_{10}O_3N_2$ Malonphenylamide ($+\frac{1}{2}H_2O$) (BACKES, WEST, and WHITELEY), 372.

$C_9H_{10}O_3N_2$ 2-Nitroaceto-*m*-toluidide (BURTON and KENNER), 1052.

$C_9H_{10}O_4N_2$ Carbamido-*m*-methoxybenzoic acids (FROELICHER and COHEN), 1430.

3-Nitro-2-methoxy-*p*-toluamide (SIMONSEN and RAU), 1342.

$C_9H_{10}O_4N_4$ Acetaldehyde-2:4-dinitro-*m*-tolylhydrazone (BRADY and BOWMAN), 899.

$C_9H_{10}O_5N_2$ $\alpha\beta$-Dicyano-γ-hydroxy-γ-methylbutane-$\alpha\beta$-dicarboxylic acid, and its silver salt (BIRCH, GOUGH, and KON), 1323.

$C_9H_{10}O_5N_4$ Acetyl-2:4-dinitro-*m*-tolylhydrazine (BRADY and BOWMAN), 897.

$C_9H_{11}ON$ *p*-Dimethylaminobenzaldehyde, additive compound of, with 4′-dimethylamino-2-hydroxydistyryl ketone (HEILBRON and BUCK), 1507.

$C_9H_{11}O_2N_3$ *p*-Acetylaminonitrosomethylaniline (PERKIN and PLANT), 1835.

$C_9H_{11}O_3N$ 3-Amino-2-methoxy-*p*-toluic acid, and its salts (SIMONSEN and RAU), 1343.

β-Hydroxy-β-3:4-methylenedioxyphenylethylamine, and its salts (MASON), 1077.

$C_9H_{11}O_4N_3$ Dinitrodimethyltoluidines (BRADY and GIBSON), 102.

4-Nitro-2-carbethoxyphenylhydrazine (KENNER and WITHAM), 1055.

$C_9H_{12}O_4Br_2$ Methyl *cis*-1:3-dibromo*cyclo*pentane-1:3-dicarboxylate (PERKIN and SCARBOROUGH), 1407.

$C_9H_{13}ON_3$ *p*-Acetylaminophenylmethylhydrazine (PERKIN and PLANT), 1835.

$C_9H_{13}O_4Br$ Ethyl α-bromoglutaconate (FARMER and INGOLD), 2013.

$C_9H_{14}O_4Br_2$ Ethyl $\alpha\alpha'$-dibromoglutarate (INGOLD), 318.

$C_9H_{14}NI$ Propyl-α-picolinium iodide, mercuri-iodide of, and its crystallography (PORTER), 1773.

$C_9H_{15}ON_3$ Semicarbazone of *cyclo*pentenylacetone (KON), 823.

$C_9H_{15}OAs$ Phenyltrimethylarsonium hydroxide, cadmi-iodide of (BURROWS and TURNER), 1449.

$C_9H_{15}O_4Br$ Ethyl α-bromoglutarate (INGOLD), 316.

$C_9H_{15}N_2I$ Phenylmethylethylazonium iodide, additive compound of thiocarbamide and (SINGH and LAL), 211.

$C_9H_{17}ON_3$ Semicarbazone of ketone $C_8H_{14}O$ (KON), 821.

Semicarbazone of *cyclo*pentylacetone (KON), 824.

$C_9H_{15}O_2N_3$ Malondi-*n*-propylamide (Backes, West, and Whiteley), 367.
$C_9H_{19}ON_3$ Semicarbazone of ketone $C_8H_{16}O$ (Kon), 822.

9 IV

$C_9H_6O_2NCl$ 5-Chloro*iso*nitroso-1-hydrindone (Kenner and Witham), 1461.
$C_9H_6O_2N_2Br_4$ Dibromomalondibromophenylamide (Backes, West, and Whiteley), 373.
$C_9H_7O_2N_2Br_3$ Dibromomalonbromophenylamide (Backes, West, and Whiteley), 373.
C_9H_8ONCl Oxime of 5-chloro-1-hydrindone (Kenner and Witham), 1461.
$C_9H_8O_2N_2Br_2$ Bromomalonbromophenylamide (Backes, West, and Whiteley), 373.
Malondibromophenylamide (Backes, West, and Whiteley), 373.
$C_9H_8O_2N_2S_2$ Dithiomesoxomonophenylamide (Naik), 1237.
$C_9H_8O_4NCl$ Ethyl 2-chloro-3-nitrobenzoate (Kenner and Stubbings), 598.
Ethyl chloronitrobenzoates, condensation of, with hydrazines (Kenner and Witham), 1053.
$C_9H_8O_4NI$ Ethyl 2-iodo-3-nitrobenzoate (Kenner and Stubbings), 599.
$C_9H_8O_5N_2Br_2$ 2:4-Dinitrophenyl $\beta\gamma$-dibromopropyl ether (Fairbourne and Toms), 1038.
$C_9H_6O_5N_3Cl$ 2-Chloro-3:5-dinitroaceto-*p*-toluidide (Davies), 868.
$C_9H_9O_2N_2Cl$ Formate of 5-chloro-6-methylbenziminazole (Morgan and Challenor), 1542.
$C_9H_{10}ON_2S$ ω-Aminoacetophenone thiocyanate (Grant and Pyman), 1896.
$C_9H_{11}O_2NS$ β-Hydroxyethyl phenylthiocarbamate (Bennett and Whincop), 1861.
$C_9H_{12}O_3NTl$ Thalliumdimethyl 3-nitro-*o*-tolyloxide (Goddard), 1314.
$C_9H_{13}O_6N_2Br$ Bromomalonyldiurethane (Backes, West, and Whiteley), 372.
$C_9H_{16}O_2N_2Br_2$ Dibromomalondi-*n*-propylamide (Backes, West, and Whiteley), 368.
$C_9H_{17}O_2N_2Br$ Bromomalondi-*n*-propylamide (Backes, West, and Whiteley), 367.
$C_9H_{21}O_5N_4Co$ *cis*Citraconatodiethylenediaminecobaltic hydroxide, hydrogen citraconate of (Duff), 389.

C_{10} Group.

$C_{10}H_{12}$ Tetrahydronaphthalene, preparation of derivatives of (Kon and Stevenson), 87.
$C_{10}H_{16}$ Hydrocarbon, from *Andropogon Jwarancusa* (Simonsen), 1649.

10 II

$C_{10}H_8O_4$ 3-Methoxy-4-methyl-*o*-phthalic anhydride (Simonsen and Rau), 1344.
$C_{10}H_9N$ Quinaldine, synthesis of (Mills, Harris, and Lambourne), 1294.
$C_{10}H_{10}O$ *ar*-Dihydro-α-naphthols (Rowe and Levin), 2021.
$C_{10}H_{10}O_5$ 6-Hydroxy-5-carboxy-*m*-tolylacetic acid, and its silver salt (Alimchandani and Meldrum), 209.
3-Methoxy-4-methyl-*o*-phthalic acid, and its salts (Simonsen and Rau), 1345.
m-Opianic acid, and its silver salt (Fargher and Perkin), 1739.
$C_{10}H_{10}N_2$ 6-Aminoquinaldine (Hamer), 1435.
$C_{10}H_{11}Cl$ 4-Chlorobutenylbenzene (Morgan and Hickinbottom), 1886.
$C_{10}H_{12}O_2$ *n*- and *iso*-Eugenols, analysis of mixtures of (McKie), 777.
Hydroxyphenyl *n*-propyl ketones (Morgan and Hickinbottom), 1884.

$C_{10}H_{12}O_3$ 5-Hydroxy-4-methoxy-*o*-tolyl methyl ketone (FARGHER and PERKIN), 1733.

$C_{10}H_{12}O_5$ Ethyl 6-ethoxy-2-pyrone-5-carboxylate (INGOLD and PERREN), 1601.

$C_{10}H_{12}N_2$ *cyclo*Hexane*spirocyclo*propane-2:3-dicarboxylonitrile (BIRCH, GOUGH, and KON), 1325.

1:4-*endo*Methylene-6-methyltetrahydroquinoxaline, and its salts (MOORE and DOUBLEDAY), 1172.

$C_{10}H_{13}Cl$ 4-Chloro-*n*-butylbenzene (MORGAN and HICKINBOTTOM), 1886.

$C_{10}H_{13}As$ *As*-Methyltetrahydroarsinoline, and its salts (BURROWS and TURNER), 430.

$C_{10}H_{14}O_2$ *cyclo*Pentane*spirocyclo*hexane-3:5-dione (NORRIS and THORPE), 1207.

$C_{10}H_{14}O_3$ Hydroxyketodihydroepicampholenic lactone (PERKIN and TITLEY), 1106.

$C_{10}H_{14}O_4$ Benzoyl glyceride (FAIRBOURNE and TOMS), 1040.

γ-Lactone of 1-hydroxy*cyclo*hexylethane-$\alpha\beta$-dicarboxylic acid, and its silver salt (BIRCH, GOUGH, and KON), 1326.

$C_{10}H_{15}N$ Epicampholenonitrile (PERKIN and TITLEY), 1102.

$C_{10}H_{16}O$ Epicamphor (PERKIN and TITLEY), 1089.

*cyclo*Heptenylacetone (KON), 827.

Piperitone (READ and SMITH), 779; constitution of (SIMONSEN), 1650.

$C_{10}H_{16}O_2$ Dihydroepicampholenolactone (PERKIN and TITLEY), 1104.

Epicampholenic acids (PERKIN and TITLEY), 1103.

$C_{10}H_{16}O_5$ 1-Hydroxy*cyclo*hexylethane-$\alpha\beta$-dicarboxylic acid, silver salt (BIRCH, GOUGH, and KON), 1327.

$C_{10}H_{17}Cl$ Hydrochloride of hydrocarbon, $C_{10}H_{16}$ (SIMONSEN), 1649.

$C_{10}H_{18}Br_2$ Dihydrobromide of hydrocarbon, $C_{10}H_{16}$ (SIMONSEN), 1650.

$C_{10}H_{19}N$ *l*-Epicamphylamine (PERKIN and TITLEY), 1105.

$C_{16}H_{20}O_6$ Trimethyl-β-methylglucoside (IRVINE and OLDHAM), 1758.

10 III

$C_{10}H_6O_2N$ 1:2-Naphthaquinone-1-oxime, hexamminocobaltic salt (MORGAN and SMITH), 708.

$C_{10}H_6O_3N$ 7-Oxy-1:2-naphthaquinone-1-oxime, pentamminodicobaltic salt (MORGAN and SMITH), 709.

$C_{10}H_7ONa$ Sodium-β-naphthoxide, velocity of reaction of ethyl iodide and (COX), 149.

$C_{10}H_7O_3N$ 7-Hydroxy-1:2-naphthaquinone-1-oxime, cobaltic salt (MORGAN and SMITH), 708.

$C_{10}H_7Br_2Bi$ α-Naphthyldibromobismuthine (CHALLENGER and ALLPRESS), 919.

$C_{10}H_8O_2S$ 2-Acetyl-3-oxy(1)thionaphthen (SMILES and MCCLELLAND), 1814.

$C_{10}H_8O_4N_4$ Dinitro-2:3:6:7-dimethylenetetraoxyanthraquinonedi-imide (KEFFLER), 1479.

$C_{10}H_8O_5N_2$ 2:4-Dinitro-5:8-dihydro-α-naphthol (ROWE and LEVIN), 2028.

$C_{10}H_9O_2N$ Scatole-2-carboxylic acid (KERMACK, PERKIN, and ROBINSON), 1634.

$C_{10}H_9O_3N$ 2-Methoxy-3-cyano-*p*-toluic acid, and its silver salt (SIMONSEN and RAU), 1344.

6-Methoxyindole-2-carboxylic acid (KERMACK, PERKIN, and ROBINSON), 1632.

3-Methoxy-4-methyl-*o*-phthalimide (SIMONSEN and RAU), 1345.

Nitrodihydro-α-naphthols (ROWE and LEVIN), 2026.

$C_{10}H_9O_4Cl$ *m*-Chlorobenzylmalonic acid (KENNER and WITHAM), 1460.

$C_{10}H_9O_6N$ *o*-Nitro-*p*-methoxyphenylpyruvic acid (KERMACK, PERKIN, and ROBINSON), 1630.

$C_{10}H_{10}O_3Cl_2$ 4-Hydroxy-5-$\beta\beta$-dichloroethyl-*m*-toluic acid, and its calcium salt (ALIMCHANDANI and MELDRUM), 208.

$C_{10}H_{10}O_4N_2$ 2:3:6:7-Dimethylenetetraoxyanthraquinonedi-imide (KEFFLER), 1479.

$C_{10}H_{10}O_4Br_2$ α:5-Dibromo-β-hydroxy-2-methoxy-β-phenylpropionic acid, and its brucine salt (READ and ANDREWS), 1783.

$C_{10}H_{11}ON$ 6-Methoxy-3-methylindole (KERMACK, PERKIN, and ROBINSON) 1640.

$C_{10}H_{11}OCl$ Chlorophenyl *n*-propyl ketones (MORGAN and HICKINBOTTOM), 1885.

$C_{10}H_{11}O_2N$ 3-Methoxy-4-ethoxybenzonitrile (KEFFLER), 1481.

$C_{10}H_{11}O_3N$ Nitrophenyl *n*-propyl ketones (MORGAN and HICKINBOTTOM), 1882.

$C_{10}H_{11}O_4N$ 3-Nitro-4-hydroxyphenyl *n*-propyl ketone (MORGAN and HICKINBOTTOM), 1888.

$C_{10}H_{11}O_5N$ 4-Carbethoxyamino-*m*-hydroxybenzoic acid (FROELICHER and COHEN), 1430.

$C_{10}H_{11}ClBr_2$ 4-Chloro-$\alpha\beta$-dibromo-*n*-butylbenzene (MORGAN and HICKINBOTTOM), 1887.

$C_{10}H_{12}O_2Br_2$ *cyclo*Pentane*spiro*-4:4-dibromo*cyclo*hexane-3:5-dione (NORRIS and THORPE), 1210.

$C_{10}H_{12}O_2S_2$ *cyclo*Pentane*spiro*-3:5-diketo-4-dithio*cyclo*hexane (NAIK), 1240.

$C_{10}H_{12}O_4N_2$ Acetyl derivative of 3-nitro-2-methoxy-*p*-toluidine (SIMONSEN and RAU), 1342.

$C_{10}H_{12}O_4N_4$ Acetonedinitrotolylhydrazones (BRADY and BOWMAN), 899.

n-Propaldehyde-2:4-dinitro-*m*-tolylhydrazone (BRADY and BOWMAN), 899.

$C_{10}H_{13}ON$ Aminophenyl *n*-propyl ketones, and their salts (MORGAN and HICKINBOTTOM), 1883.

$C_{10}H_{13}O_2Br$ *cyclo*Pentane*spiro*-4-bromo*cyclo*hexane-3:5-dione (NORRIS and THORPE), 1210.

$C_{10}H_{13}O_2N_5$ 4-Diazoamino-3:5-dimethyl*iso*oxazole (MORGAN and BURGESS), 1547.

$C_{10}H_{13}O_3N_3$ 3:5-Dimethyl*iso*oxazole-4-azo-acetylacetone (MORGAN and BURGESS), 1546.

$C_{10}H_{14}ON_2$ Acetyl-4:6-diamino-*m*-xylene (PEARMAN), 718.

$C_{10}H_{14}ClAs$ γ-Phenylpropylmethylchloroarsine (BURROWS and TURNER), 430.

$C_{10}H_{14}BrAs$ γ-Phenylpropylmethylbromoarsine (BURROWS and TURNER), 430.

$C_{10}H_{15}O_4N$ Ethyl α-cyanopropane-$\beta\gamma$-dicarboxylate (INGOLD), 340.

$C_{10}H_{16}O_4N_4$ 3-Nitrophenyl *n*-propyl ketone *p*-nitrophenylhydrazone (MORGAN and HICKINBOTTOM), 1882.

$C_{10}H_{16}O_4Br_2$ Ethyl dibromoadipates (INGOLD), 962.

$C_{10}H_{16}O_4I_2$ Ethyl di-iodoadipates (INGOLD), 963.

$C_{10}H_{17}ON$ Piperitoneoximes (READ and SMITH), 784; (SIMONSEN), 1651.

$C_{10}H_{17}OAs$ Phenyldimethylethylarsonium hydroxide, salts of (BURROWS and TURNER), 1450.

$C_{10}H_{17}O_2Cl$ Pinene chlorohydrins (HENDERSON and MARSH), 1497.

$C_{10}H_{17}O_4Cl$ Ethyl α-chloroadipate (INGOLD), 961.

$C_{10}H_{17}O_4Br$ Ethyl α-bromoadipate (INGOLD), 961.

$C_{10}H_{18}O_2Cl_2$ 1:2-Dichloromenthane-6:8-diol, or Sobrerol dichloride (HENDERSON and MARSH), 1496.

Pinene dichlorohydrins (HENDERSON and MARSH), 1495.

$C_{10}H_{20}O_2N_2$ *dl*-Piperitonehydroxylamino-oxime (Read and Smith), 783.
$C_{10}H_{21}ON$ 1-*iso*Butoxymethylpiperidine, preparation of (McLeod and Robinson), 1474.

10 IV

$C_{10}H_6O_9NS_2$ 8-Oxy-1:2-naphthaquinone-2-oxime-3:6-disulphonic acid, pentamminocobaltic salts (Morgan and Smith), 713.
$C_{10}H_7O_5NS$ 1:2-Naphthaquinone-2-oxime-4-sulphonic acid, cobaltic and β-naphthylamine salts (Morgan and Smith), 710.
$C_{10}H_7O_9NS_2$ 8-Hydroxy-1:2-naphthaquinone-2-oxime-3:6-disulphonic acid, cobaltic and β-naphthylamine salts (Morgan and Smith), 713.
$C_{10}H_9O_2N_2I$ 6-Nitroquinoline methiodide (Hamer), 1435.
$C_{10}H_{10}ON_2Cl$ Chloro-1-hydrindone semicarbazones (Kenner and Witham), 1459.
$C_{10}H_{10}O_2N_2S_2$ Dithiomesoxomono-*p*-toluidide (Naik), 1237.
$C_{10}H_{10}O_3NCl$ 4-Chloro-3-nitrophenyl *n*-propyl ketone (Morgan and Hickinbottom), 1887.
$C_{10}H_{12}ONCl$ 4-Chloro-3-aminophenyl *n*-propyl ketone, and its hydrochloride (Morgan and Hickinbottom), 1888.
$C_{10}H_{13}O_2N_2Br$ 5-Bromo-2-methoxyphenylacetaldehyde semicarbazone (Read and Andrews), 1785.
$C_{10}H_{12}O_7N_3Tl$ Thalliumdiethyl 2:4:6-trinitrophenoxide (Goddard), 1313.
$C_{10}H_{12}O_5N_2Tl$ Thalliumdiethyl 2:4-dinitrophenoxide (Goddard), 1313.
$C_{10}H_{14}O_3NTl$ Thalliumdiethyl nitrophenoxides (Goddard), 1312.
$C_{10}H_{14}O_5N_2Tl$ Thalliumdiethyl 4:6-dinitro-2-aminophenoxide (Goddard), 1313.
$C_{10}H_{17}ONBr_2$ Dibromopiperitoneoxime (Simonsen), 1652.
$C_{10}H_{17}ON_2I$ Substance, from eseroline methiodide, methyl iodide, and sodium ethoxide (Stedman), 892.

10 VI

$C_{10}H_{20}O_7N_4BrS_2Co$ *cis*-Bromobenzene-3:4-disulphonatodiethylenediaminecobaltic hydroxide, salts of (Duff), 1986.

C_{11} Group.

$C_{11}H_8O_2$ Dihydroxynaphthaldehydes (Morgan and Vining), 177.
$C_{11}H_8O_4$ Substance, from sodium and phenyl acetate (Perkin), 1289.
$C_{11}H_8N_2$ Norharman, and its salts (Kermack, Perkin, and Robinson), 1602.
$C_{11}H_{10}O_7$ 4:5-Dimethoxy-*o*-phthalonic acid (+ $2H_2O$) and its acid calcium salt (Fargher and Perkin), 1735.
$C_{11}H_{12}O_2$ *o*-Methoxystyryl methyl ketone (Heilbron and Buck), 1509.
$C_{11}H_{12}O_5$ Methyl *m*-opianates (Fargher and Perkin), 1741.
$C_{11}H_{14}O_2$ *dl-trans-cyclo*Pentane-1:3-dicarboxylic acid, resolution of (Perkin and Scarborough), 1400.
$C_{11}H_{14}O_5$ Ethyl 6-ethoxy-3-methyl-2-pyrone-5-carboxylate (Ingold and Perren), 1601.
$C_{11}H_{14}O_6$ Lactone of 1-hydroxy*cyclo*hexylethane-αββ-tricarboxylic acid (Birch, Gough, and Kon), 1326.
$C_{11}H_{14}N_2$ 1:4-*endo*Ethylene-6-methyltetrahydroquinoxaline, and its salts (Moore and Doubleday), 1174.
$C_{11}H_{16}O_2$ Hydroxymethylene-*l*-epicamphor (Perkin and Thorpe), 1096.
$C_{11}H_{16}O_4$ *cyclo*Hexane*spirocyclo*hexane-3:5-dione (Norris and Thorpe), 1205.
$C_{11}H_{16}O_5$ Ethyl *cyclo*pentanonedicarboxylate (Ingold), 349; (Ingold and Thorpe), 499.
$C_{11}H_{17}O_7$ 1-Hydroxy*cyclo*hexylethane-αββ-tricarboxylic acid, silver salt (Birch, Gough, and Kon), 1326.

$C_{11}H_{17}As$ γ-Phenylpropyldimethylarsine (BURROWS and TURNER), 429.
$C_{11}H_{18}O_7$ Ethyl trimethyl saccharolactone (IRVINE and OLDHAM), 1757.

11 III

$C_{11}H_7O_3N$ 2-Carboxyindole-3-acetic anhydride (KERMACK, PERKIN, and ROBINSON), 1623.
$C_{11}H_7O_4N$ 1:2-Naphthaquinone-1-oxime-3-carboxylic acid, cobaltic salts (MORGAN and SMITH), 709.
$C_{11}H_7O_6N_3$ 2-*m*-Nitrophenylglyoxaline-4:5-dicarboxylic acid (FARGHER), 163.
$C_{11}H_8ON_2$ 5-Keto-4:5-dihydroindolediazine(1:4) (KERMACK, PERKIN, and ROBINSON), 1627.
$C_{11}H_8O_2N_2$ Norharmol (KERMACK, PERKIN, and ROBINSON), 1619.
$C_{11}H_8O_3S$ (1)Thionaphtha-4-oxycoumarin (SMILES and MCCLELLAND), 1815.
$C_{11}H_9O_4N$ 2-Carboxyindole-3-acetic acid (KERMACK, PERKIN, and ROBINSON), 1622.
$C_{11}H_9O_4N_3$ 2-*m*-Aminophenylglyoxaline-4:5-dicarboxylic acid (FARGHER), 163.
$C_{11}H_{10}O_3N_2$ 2-Carboxyindole-3-acetamide (KERMACK, PERKIN, and ROBINSON), 1623.
$C_{11}H_{10}O_3N_4$ 5-Nitro-*p*-acetylaminophenylglyoxaline (GRANT and PYMAN), 1902.
$C_{11}H_{10}O_4N_2$ Dimethyldiketotetrahydroquinazolinecarboxylic acid (SCOTT and COHEN), 668.
$C_{11}H_{11}O_2N$ 1:3-Dimethylindole-2-carboxylic acid (KERMACK, PERKIN, and ROBINSON), 1636.
3-Methoxy-4-methyl-α-quinolone (KERMACK, PERKIN, and ROBINSON), 1635.
$C_{11}H_{11}O_2N_3$ 1-*p*-Nitrophenyl-3:5-dimethylpyrazole (MORGAN and DREW), 621.
$C_{11}H_{11}O_3N$ 6-Methoxy-3-methylindole-2-carboxylic acid (KERMACK, PERKIN, and ROBINSON), 1640.
$C_{11}H_{11}O_3N_3$ 3:5-Dimethyl*iso*oxazole-4-azoresorcinol (MORGAN and BURGESS), 703.
$C_{11}H_{12}O_4N_2$ *cyclo*Hexane*spiro*-2:3-dicyano*cyclo*propane-2-carboxylic acid (BIRCH, GOUGH, and KON), 1325.
$C_{11}H_{12}O_3N_2$ Acetylacetone-*p*-nitroanil (MORGAN and DREW), 624.
$C_{11}H_{12}O_4N_2$ 1-*p*-Nitroanilinoacetylacetone (MORGAN and DREW), 623.
$C_{11}H_{13}ON_3$ *cyclo*Hexane*spiro*-2:3-dicyano*cyclo*propane-2-carboxylamide (BIRCH, GOUGH, and KON), 1324.
$C_{11}H_{13}O_4N$ *o*-Methoxystyrylmethyl ketoxime (HEILBRON and BUCK), 1509.
$C_{11}H_{13}O_5N$ Carbethoxyamino-*m*-methoxybenzoic acids (FROELICHER and COHEN), 1431.
$C_{11}H_{13}O_5N_3$ Acetyl derivative of 4-nitro-2-carbethoxyphenylhydrazine (KENNER and WITHAM), 1055.
$C_{11}H_{14}O_2N_2$ Methylmalonomono-*o*-toluidide (NAIK), 1238.
$C_{11}H_{14}O_2Cl_2$ *cyclo*Hexane*spiro*-4:4-dichloro*cyclo*hexane-3:5-dione (NORRIS and THORPE), 1209.
$C_{11}H_{14}O_2Br_2$ *cyclo*Hexane*spiro*-4:4-dibromo*cyclo*hexane-3:5-dione (NORRIS and THORPE), 1209.
$C_{11}H_{14}O_4N_4$ *n*-Butaldehyde-2:4-dinitro-*m*-tolylhydrazone (BRADY and BOWMAN), 899.
Methyl ethyl ketone 2:4-dinitro-*m*-tolylhydrazone (BRADY and BOWMAN), 899.
$C_{11}H_{15}O_2Cl$ *cyclo*Hexane*spiro*-4-chloro*cyclo*hexane-3:5-dione (NORRIS and THORPE), 1209.

$C_{11}H_{15}O_3Br$ *cyclo*Hexane*spiro*-4-bromo*cyclo*hexane-3:5-dione (NORRIS and THORPE), 1208.

$C_{11}H_{15}O_3N$ 4:5-Dimethoxy-*o*-tolyl methyl ketoxime (FARGHER and PERKIN), 1732.

$C_{11}H_{15}O_3N_3$ 5-Hydroxy-4-methoxy-*o*-tolyl methyl ketone semicarbazone (FARGER and PERKIN), 1733.

$C_{11}H_{15}O_4N$ Ethyl α-cyano-γ-methylglutaconate (INGOLD and PERREN), 1597.

$C_{11}H_{16}IAs$ *As*-Methyltetrahydroarsinoline methiodide (BURROWS and TURNER), 431.

$C_{11}H_{17}ON$ Amino methylene-epicamphor (PERKIN and TITLEY), 1101.

$C_{11}H_{17}O_4N$ Ethyl cyanomethylglutarates (INGOLD), 338; (INGOLD and THORPE), 500.

$C_{11}H_{17}O_4N_3$ Semicarbazone of acid, $C_{10}H_{14}O_4$, from oxidation of *l*-epicamphorenic acid (PERKIN and TITLEY), 1107.

$C_{11}H_{18}O_4Br_2$ *iso*Propyl αα′-dibromoglutarate (INGOLD), 318.

$C_{11}H_{19}ON_3$ *cyclo*Heptenylacetone semicarbazone (KON), 827.

Piperitone semicarbazones (READ and SMITH), 784; (SIMONSEN), 1650.

$C_{11}H_{22}O_2N_2$ Malondi-*n*- and -*iso*-butylamides (BACKES, WEST, and WHITELEY), 368.

11 IV

$C_{11}H_7O_4N_2Cl$ 6(7)-Chloro-7(6)-methylquinoxaline-2:3-dicarboxylic acid (+ $2H_2O$) (MORGAN and CHALLENOR), 1540.

$C_{11}H_7O_4N_4Br$ 2-*p*-Bromobenzeneazoglyoxaline-4:5-dicarboxylic acid (FARGHER), 162.

$C_{11}H_9O_2N_4Br$ 4-*p*-Bromobenzeneazo-2-methylglyoxaline-5-carboxylic acid (FARGHER), 161.

$C_{11}H_9O_4N_4Br$ 2-*p*-Bromobenzenehydrazoglyoxaline-4:5-dicarboxylic acid (FARGHER), 163.

$C_{11}H_{11}O_3N_2Br$ *p*-Bromobenzeneazoacetylacetone (MORGAN and DREW), 622.

$C_{11}H_{11}O_2N_2I$ 6-Nitroquinaldine methiodide (HAMER), 1435.

$C_{11}H_{14}O_2ClBr$ *cyclo*Hexane*spiro*-4-chloro-4-bromo*cyclo*-hexane-3:5-dione (NORRIS and THORPE), 1210.

$C_{11}H_{16}O_3NTl$ Thalliumdiethyl nitrotolyloxides (GODDARD), 1314.

$C_{11}H_{20}O_2N_2Br_2$ Dibromomalondi*iso*butylamide (BACKES, WEST, and WHITELEY), 370.

$C_{11}H_{21}O_2N_2Br$ Bromomalondi-*n*- and -*iso*-butylamides (BACKES, WEST, and WHITELEY), 368.

11 V

$C_{11}H_{21}O_6N_4SCo$ *cis-o*-Sulphobenzoacetatodiethylenediaminecobaltic hydroxide, salts of (DUFF), 1985.

11 VI

$C_{11}H_{20}O_5N_4BrSCo$ *cis-o*-Sulphobenzoacetatodiethylenediaminecobaltic bromide (+ H_2O) (DUFF), 1985.

C_{12} Group.

$C_{12}H_9N$ Carbazole, oxidation of (PERKIN and TUCKER), 216; additive compound of 4′-dimethylamino-2-hydroxydistyrylketone with (HEILBRON and BUCK), 1512.

$C_{12}H_{10}N_2$ Harmine (KERMACK, PERKIN, and ROBINSON), 1602.

$C_{12}H_{12}N$ 6-Ethylquinaldine (MILLS, HARRIS, and LAMBOURNE), 1300.

Tetrahydrocarbazole, and its picrate (PERKIN and PLANT), 1831.

$C_{12}H_{14}O_4$ Acetyl derivative of 5-hydroxy-4-methoxy-*o*-tolyl methyl ketone (FARGHER and PERKIN), 1733.

$C_{12}H_{14}N_2$ 6-Aminotetrahydrocarbazole (PERKIN and PLANT), 1833.

$C_{12}H_{16}N_2$ 1:4-*endo*Trimethylene-6-methyltetrahydroquinoxaline, and its salts (MOORE and DOUBLEDAY), 1174.

$C_{12}H_{18}O_6$ Ethyl aconitate, preparation of (INGOLD), 350.

$C_{12}H_{20}O_6$ Ethyl α-acetoxyadipate (INGOLD), 966.

$C_{12}H_{22}O_{11}$ Cellobiose, constitution of (HAWORTH and HIRST), 193.

12 III

$C_{12}H_6Cl_2S_4$ Substance, from chlorobenzene and sulphur chloride (RÂY), 1963.

$C_{12}H_8O_3N_2$ Norharmolcarboxylic acid, and its sulphate (KERMACK, PERKIN, and ROBINSON), 1618.

$C_{12}H_8O_4Cl_6$ 6-Methyl-2:4-bistrichloromethyl-1:3-benzdioxine-8-carboxylic acid, and its sodium salt (ALIMCHANDANI and MELDRUM), 208.

$C_{12}H_{10}ON_2$ 5-Keto-7-methyl-4:5-dihydroindolediazine(1:4) (KERMACK, PERKIN, and ROBINSON), 1635.

2-Keto-1-methyl-2:3-dihydronorharman (KERMACK, PERKIN, and ROBINSON), 1638.

$C_{12}H_{10}O_2N_2$ 11-Methoxy-5-keto-4:5-dihydroindolediazine(1:4) (KERMACK, PERKIN, and ROBINSON), 1633.

$C_{12}H_{10}O_3N_2$ *cyclo*Hexane*spiro*-2:3-dicyano*cyclo*propane-2:3-dicarboxylic anhydride (BIRCH, GOUGH, and KON), 1328.

$C_{12}H_{10}N_2S_2$ Diaminothianthren (RÂY), 1964.

$C_{12}H_{11}O_3N_3$ 4-Nitrobenzylideneamino-3:5-dimethyl*iso*oxazoles (MORGAN and BURGESS), 701.

$C_{12}H_{11}O_5N$ 6-Methoxy-2-carboxyindole-3-acetic acid (KERMACK, PERKIN, and ROBINSON), 1641.

$C_{12}H_{12}ON_2$ Acetylaminoquinaldines (HAMER), 1438.

4-Benzylideneamino-3:5-dimethyl*iso*oxazole (MORGAN and BURGESS), 701.

$C_{12}H_{12}O_2N_2$ 4-Benzoylamino-3:5-dimethyl*iso*oxazole (MORGAN and BURGESS), 701.

$C_{12}H_{12}O_3N_4$ 4-*p*-Nitrobenzylidenehydrazino-3:5-dimethyl*iso*oxazole (MORGAN and BURGESS), 1548.

$C_{12}H_{12}O_4N_2$ *cyclo*Hexane*spiro*-2:3-dicyano*cyclo*propane-2:3-dicarboxylic acid (BIRCH, GOUGH, and KON), 1327.

Methyl dimethyldiketotetrahydroquinazolinecarboxylate (SCOTT and COHEN), 669.

$C_{12}H_{12}O_2N$ Ethyl α-keto-β-*o*-nitrophenylbutyrate (KERMACK, PERKIN, and ROBINSON), 1634.

$C_{12}H_{13}O_6N$ *cyclo*Hexane*spiro*-2-cyano*cyclo*propane-2:3:3-tricarboxylic acid (BIRCH, GOUGH, and KON), 1328.

$C_{12}H_{14}ON_2$ Acetyl derivative from base $C_{20}H_{24}N_2$ (PEARMAN), 720.

$C_{12}H_{14}O_5N_2$ 2:6-Dinitro-*m*-4-xylyl *n*-propyl ketone (MORGAN and HICKINBOTTOM), 1891.

$C_{12}H_{15}OCl$ 6-Chloro-*m*-4-xylyl *n*-propyl ketone (MORGAN and HICKINBOTTOM), 1891.

$C_{12}H_{15}O_2N$ 3-Acetylaminophenyl *n*-propyl ketone (MORGAN and HICKINBOTTOM), 1883.

$C_{12}H_{15}O_2N$ Nitro-*m*-4-xylyl *n*-propyl ketones (MORGAN and HICKINBOTTOM), 1890.

$C_{12}H_{17}ON$ 6-Amino-*m*-4-xylyl *n*-propyl ketone, and its salts (MORGAN and HICKINBOTTOM), 1890.

$C_{12}H_{17}O_4N_3$ 2:4-Dinitro-β-diethylaminoethylbenzene, and its salts (McLEOD and ROBINSON), 1476.

$C_{12}H_{19}O_2N_3$ Hydroxymethylene-epicamphorsemicarbazone (PERKIN and TITLEY), 1099.

$C_{12}H_{19}O_5N_3$ Semicarbazone of ethyl *cyclo*pentanone-2:4-dicarboxylate (INGOLD and THORPE), 500.

$C_{12}H_{20}O_6N_2$ Ethyl αα′-dicarbamyl-β-methylglutarate (GUPTA), 304.

$C_{12}H_{20}IAs$ γ-Phenylpropyldimethylarsine methiodide (BURROWS and TURNER), 429.

$C_{12}H_{22}O_4S_2$ Diacetyl derivative of sulphidobis-β-hydroxydiethyl sulphide (BENNETT and WHINCOP), 1863.

$C_{12}H_{23}O_2N_3$ Ethyl *l*-γ-acetyl-α-*iso*propylbutyrate semicarbazone (SIMONSEN), 1653.

$C_{12}H_{24}O_4N_2$ Piperitonehydroxylamino-oximes (SIMONSEN), 1651.

12 IV

$C_{12}H_6O_4Cl_2S_2$ Substance, from oxidation of dichlorothianthren (RÂY), 1962.

$C_{12}H_8O_6N_2Ba$ Barium nitrophenoxides (GODDARD), 1162.

$C_{12}H_8O_6N_2Ca$ Calcium nitrophenoxides (GODDARD), 1164.

$C_{12}H_8O_6N_2Sr$ Strontium nitrophenoxides (GODDARD), 1163.

$C_{12}H_{10}O_6N_2S$ 6-Acetylamino-1:2-naphthaquinone-2-oxime-3-sulphonic acid, cobaltic and β-naphthylamine salts (MORGAN and SMITH), 711.

$C_{12}H_{11}O_3N_2Cl$ 8-Chloro-5-nitrotetrahydrocarbazole (PERKIN and PLANT), 1837.

$C_{12}H_{11}O_9N_2S_2$ 8-Acetylamino-1:2-naphthaquinone-2-oxime-3:6-disulphonic acid, pentamminocobaltic salt (MORGAN and SMITH), 712.

$C_{12}H_{12}O_2NCl$ Ethyl 7-chloro-1-iminohydrindene-2-carboxylate (KENNER and WITHAM), 1459.

$C_{12}H_{13}O_3Cl_3Te$ Tellurium *O*-ethylbenzoylacetone trichloride (MORGAN and DREW), 618.

$C_{12}H_{13}O_2NS_2$ Ethyl dithiomesoxotolylamates (NAIK), 1237.

$C_{12}H_{14}O_3N_2Cl$ *cyclo*Hexanone-2-chloro-5-nitrophenylhydrazone (PERKIN and PLANT), 1837.

$C_{12}H_{21}O_5N_4Co$ *cis*-Phthalatodiethylenediaminecobaltic hydroxide, salts of (DUFF), 1984.

$C_{12}H_{24}O_4N_4S_2$ Methylmalonodimethylamide disulphide (NAIK), 1239.

12 V

$C_{12}H_{13}O_4N_2SAs_2$ 3:3′-Diamino-4:4′-dihydroxy-5-sulphinoarsenobenzene, hydrochloride of (KING), 1115.

$C_{12}H_{13}O_5N_2SAs_2$ 3:3′-Diamino-4:4′-dihydroxy-5-sulphoarsenobenzene, hydrochloride of (KING), 1117.

$C_{12}H_{13}O_6N_2S_2As_2$ 3:3′-Diamino-4:4′-dihydroxy-5:5′-disulphinoarsenobenzene (KING), 1113.

$C_{12}H_{13}O_7N_2S_2As_2$ 3:3′-Diamino-4:4′-dihydroxy-5-sulpho-5′-sulphinoarsenobenzene (KING), 1118.

$C_{12}H_{12}O_8N_2S_2As_2$ 3:3′-Diamino-4:4′-dihydroxy-5:5′-disulphoarsenobenzene (KING), 1116.

$C_{12}H_{20}O_4N_4BrCo$ *cis*-Phthalatodiethylenediaminecobaltic bromide (+ $3H_2O$) (DUFF), 1984.

C_{13} Group.

$C_{13}H_{10}$ Fluorene, additive compounds of 4′-dimethylamino-2-hydroxydistyryl ketone with (HEILBRON and BUCK), 1511.

13 II

$C_{13}H_{10}O$ Benzophenone, additive compounds of 4′-dimethylamino-2-hydroxydistyryl ketone with (HEILBRON and BUCK), 1513.

$C_{13}H_{14}O_3$ *ac*-1-Keto-3-methyltetrahydronaphthyl-3-acetic acid, and its silver salt (KON and STEVENSON), 90.

$C_{13}H_{15}N$ 9-Methyltetrahydrocarbazole (PERKIN and PLANT), 1834.

$C_{13}H_{16}N_2$ 6-Amino-9-methyltetrahydrocarbazole, and its picrate (PERKIN and PLANT), 1835.

$C_{13}H_{18}O_2$ Ethyl *cyclo*pentane*spirocyclo*hexane-3:5-dione-2-carboxylate (+ H_2O) (NORRIS and THORPE), 1207.

$C_{13}H_{18}O_3$ 1-Keto-3-methyloctahydronaphthyl-3-acetic acid, and its silver salt (KON and STEVENSON), 92.

13 III

$C_{13}H_8O_6Cl_6$ Lactone of 7:8-dihydroxy-2:4-bistrichloromethyl-6-β-trichloro-α-hydroxyethyl-1:3-benzdioxine-5-carboxylic acid (ALIMCHANDANI and MELDRUM), 206.

$C_{13}H_9O_3N_3$ Nitro-3-keto-2-phenyl-1:3-dihydroindazoles, and their sodium salts (KENNER and WITHAM), 1056.

$C_{13}H_9O_5N_3$ *p*-Nitrobenzaldoxime-*N*-*p*-nitrophenyl ether (BARROW and GRIFFITHS), 216.

$C_{13}H_{10}O_3N_2$ Acetyl derivative of 2-carboxyindole-3-acetimide (KERMACK, PERKIN, and ROBINSON), 1624.

p-Nitrobenzaldoxime-*N*-phenyl ether (BARROW and GRIFFITHS), 213.

$C_{13}H_{10}N_3Cl$ 6-Chloro-3-phenyl-3:4-tolylenediazoimine (MORGAN and JONES), 191.

$C_{13}H_{13}O_4N$ Dimethyl 2-carboxyindole-3-acetate (KERMACK, PERKIN, and ROBINSON), 1623.

$C_{13}H_{13}N_2Cl$ 6-Chloro-3-phenyl-3:4-tolylenediamine (MORGAN and JONES), 191.

$C_{13}H_{13}N_4Cl$ Benzene-5-azo-6-chloro-2:4-tolylenediamine, and its dihydrochloride (MORGAN and JONES), 188.

$C_{13}H_{14}ON_2$ Harmaline (KERMACK, PERKIN, and ROBINSON), 1602.

$C_{13}H_{14}O_2N_2$ 6-Nitro-9-methyltetrahydrocarbazole (PERKIN and PLANT), 1834.

$C_{13}H_{14}O_9N_2$ Diacetyl derivative of glycerol α-2:4-dinitrophenyl ether (FAIRBOURNE and TOMS), 1037.

$C_{13}H_{15}O_3N$ Ethyl 6-methoxy-3-methylindole-2-carboxylate (KERMACK, PERKIN, and ROBINSON), 1640.

$C_{13}H_{15}O_6N$ Ethyl α-keto-β-*o*-nitro-*p*-methoxyphenylbutyrate (KERMACK, PERKIN, and ROBINSON), 1639.

$C_{13}H_{16}O_3N_2$ Methyl ether of 4-*p*-hydroxybenzylhydantoin *OO*-dimethyl ether (SCOTT and COHEN), 671.

$C_{13}H_{16}O_5N_2$ *p*-Nitroanilino-ethoxyacetone (MORGAN and DREW), 623.

$C_{13}H_{16}NI$ 6-Ethylquinaldine methiodide (MILLS, HARRIS, and LAMBOURNE), 1300.

$C_{13}H_{17}O_6N$ Ethyl α-cyano-γ-carboxyglutaconate, and its metallic salts (INGOLD and PERREN), 1594.

$C_{13}H_{19}ON$ β-Diethylaminopropiophenone, and its salts (MCLEOD and ROBINSON), 1475.

$C_{13}H_{30}O_2N_2$ Di(diethylaminomethyl)trimethylene ether (MCLEOD and ROBINSON), 1473.

13 IV

$C_{13}H_8O_2N_3Cl$ 3-Chloro-5-nitro-2-phenylindazole (KENNER and WITHAM), 1057.

$C_{13}H_{10}O_2N_3Cl$ Chloronitrophenyltolylnitrosoamines (MORGAN and JONES), 190.

$C_{13}H_{11}O_2N_2Cl$ Chloronitro-*N*-phenyltoluidines (MORGAN and JONES), 190; (MORGAN and GLOVER), 1704.

$C_{13}H_{11}O_3NS_4$ Ethyl γ-phenylcarbamyl-αγ-bisdisulphidoacetoacetate (NAIK), 1241.

$C_{13}H_{12}O_2N_2S$ Benzenediazo-*p*-toluenesulphinate (DUTT, WHITEHEAD, and WORMALL), 2089.

$C_{13}H_{12}O_2N_5Cl$ 4′-Nitrobenzene-5-azo-6-chloro-2:4-tolylenediamine (MORGAN and JONES), 188.

$C_{13}H_{15}ON_3I$ Acetylaminoquinaldine methiodides (HAMER), 1438.

$C_{13}H_{22}ONBr$ α-Bromopropiono-*d*-bornylamide (SHIMOMURA and COHEN), 1822.

$C_{13}H_{23}O_5N_4Co$ *cis*-Homophthalatodiethylenediaminecobaltic hydroxide, salts of (DUFF), 1986.

13 V

$C_{13}H_{25}O_6N_4SCo$ *cis*-Benzylsulphoacetatodiethylenediaminecobaltic hydroxide, salts of (DUFF), 1985.

13 VI

$C_{13}H_{24}O_5N_4BrSCo$ *cis*-Benzylsulphoacetatodiethylenediaminecobaltic bromide ($+3H_2O$) (DUFF), 1985.

C_{14} Group.

$C_{14}H_{19}$ Phenanthrene, additive compound of 4′-dimethylamino-2-hydroxydistyryl ketone with (HEILBRON and BUCK), 1511.

$C_{14}H_{12}$ 9:10-Dihydrophenanthrene, preparation of (HENSTOCK), 1461.

$C_{14}H_{22}$ 1:4-Di-*n*-butylbenzene (MORGAN and HICKINBOTTOM), 1892.

14 II

$C_{14}H_6O_8$ Ellagic acid, formation of, from gallotannin (NIERENSTEIN, SPIERS, and GEAKE), 275.

$C_{14}H_8Br_2$ Dibromophenanthrene (HENSTOCK), 57.

$C_{14}H_8Br_2$ Bromophenanthrene dibromide (HENSTOCK), 57.

$C_{14}H_{10}O_3$ 1-Hydroxy-3-methylxanthone, and its potassium derivative (PERKIN), 1291.

$C_{14}H_{12}N_2$ 1:10-Dimethyl-5:6-naphtha*iso*diazine (KENNER and STUBBINGS), 602.

$C_{14}H_{16}O_3$ *ac*-1-Keto-3-ethyltetrahydronaphthyl-3-acetic acid, and its silver salt (KON and STEVENSON), 92.

$C_{14}H_{16}N_2$ 6:6′-Diamino-2:2′-ditolyl (KENNER and STUBBINGS), 600.

$C_{14}H_{20}O_4$ Ethyl *cyclo*hexane*spirocyclo*hexane-3:5-dione-2-carboxylate ($+H_2O$) (NORRIS and THORPE), 1204.

$C_{14}H_{23}N$ 2-Amino-1:4-di-*n*-butylbenzene, and its salts (MORGAN and HICKINBOTTOM), 1892.

14 III

$C_{14}H_8OBr_2$ Dibromophenanthrone (HENSTOCK), 58.

$C_{14}H_8O_2N_2$ Dilactam of γ-6:6′-diaminodiphenic acid (KENNER and STUBBINGS), 601.

$C_{14}H_8O_4S_2$ Thianthrendicarboxylic acid (RÂY), 1966.

$C_{14}H_8O_6N_4$ "Hydrazide" of γ-6:6′-dinitrodiphenic acid (KENNER and STUBBINGS), 600.

$C_{14}H_8O_8N_2$ γ-6:6′-Dinitrodiphenic acid, and its salts (KENNER and STUBBINGS), 593.

$C_{14}H_9O_5N$ Nitro-1-hydroxy-3-methylxanthones (PERKIN), 1293.

$C_{14}H_9NBr_2$ Dibromo-9-aminophenanthrene (HENSTOCK), 59.

$C_{14}H_{10}OCl_2$ Diphenylchloroacetyl chloride, action of magnesium phenyl haloids on (McKENZIE and BOYLE), 1131.

$C_{14}H_{10}O_4S_2$ *m*-Dithiobenzoic acid (SMILES and STEWART), 1792.

$C_{14}H_{10}O_6N_4$ γ-6:6′-Dinitrodiphenamide (KENNER and STUBBINGS), 599.

$C_{14}H_{10}O_6S_2$ Benzoic acid *m*-disulphoxide (SMILES and STEWART), 1797.

$C_{14}H_{10}N_4S$ 4′-Triazo-1-phenyl-5-methylbenzothiazole (MORGAN and WEBSTER), 1074.

$C_{14}H_{10}Cl_2S_2$ Dichlorodimethylthianthren (RÂY), 1963.

$C_{14}H_{11}N_2Cl$ 5-Chloro-1-phenyl-6-methylbenziminazole (MORGAN and CHALLENOR), 1543.

$C_{14}H_{12}ON_2$ Phenylglyoxalphenylhydrazone, preparation, tautomerism, and solubility of (SIDGWICK and EWBANK), 487.

$C_{14}H_{12}O_4N_4$ Benzaldehydedinitrotolylhydrazones (BRADY and BOWMAN), 899.

$C_{14}H_{13}O_4N_3$ 6-Nitro-*m*-xylene-4-azoresorcinol (PEARMAN), 717.

$C_{14}H_{14}O_2N_2$ Diamide of αα′-dicyano-β-benzylglutaric acid (KON and STEVENSON), 93.

$C_{14}H_{14}O_3N_2$ 5- and 6-Nitro-9-acetyltetrahydrocarbazoles (PERKIN and PLANT), 1832.

$C_{14}H_{14}O_6N_2$ *p*-Nitrobenzoyl derivative of β-hydroxy-β-3:4-methylenedioxyphenylethylamine (MASON), 1080.

$C_{14}H_{14}ClBi$ Di-*p*-tolylchlorobismuthine (CHALLENGER and ALLPRESS), 917.

$C_{14}H_{15}ON$ 9-Acetyltetrahydrocarbazole (PERKIN and PLANT), 1831.

$C_{14}H_{15}O_3N_3$ Benzoyl derivative of α-methylamino-β-glyoxaline-4-propionic acid ($+\frac{1}{2}H_2O$) (FARGHER and PYMAN), 738.

$C_{14}H_{16}ON_2$ 6-Acetylaminotetrahydrocarbazole (PERKIN and PLANT), 1833.

$C_{14}H_{16}O_3N_2$ Indole-2-carboxy-α-(carbethoxy)ethylamide (KERMACK, PERKIN, and ROBINSON), 1628.

$C_{14}H_{15}O_4Cl$ Ethyl *m*-chlorobenzylmalonate (KENNER and WITHAM), 1460.

$C_{14}H_{16}O_{11}N_2$ 4-*p*-Acetoxybenzylhydantoin *OO*-dimethyl ether (SCOTT and COHEN), 671.

$C_{14}H_{17}O_3N_3$ Semicarbazone of *ac*-1-keto-3-methyltetrahydronaphthyl-3-acetic acid (KON and STEVENSON), 91.

$C_{14}H_{17}N_2I$ Phenylbenzylmethylazonium iodide, additive compound of thiocarbamide and (SINGH and LAL), 211.

$C_{14}H_{17}N_4Cl_3$ 3:7-Diamino-8-methylphenazine methochloride (COHEN and CRABTREE), 2068.

$C_{14}H_{19}ON_3$ *cyclo*Hexanone-*p*-acetylaminophenylhydrazone (PERKIN and PLANT), 1833.

$C_{14}H_{19}O_3N$ 6-Acetylamino-*m*-4-xylyl *n*-propyl ketone (MORGAN and HICKINBOTTOM), 1890.

$C_{14}H_{21}O_2N$ 2-Nitro-1:4-di-*n*-butylbenzene (MORGAN and HICKINBOTTOM), 1892.

$C_{14}H_{21}O_3N_3$ Semicarbazone of 1-keto-3-methyloctahydronaphthyl-3-acetic acid (KON and STEVENSON), 93.

$C_{14}H_{21}O_6N$ Ethyl ω-cyanomethanetriacetate (INGOLD), 340, 352.

14 IV

$C_{14}H_6O_6N_2Cl_2$ Chloride of γ-6:6′-dinitrodiphenic acid (KENNER and STUBBINGS), 599.

$C_{14}H_7O_2NBr_2$ Dibromo-9-nitrophenanthrene (HENSTOCK), 58.

$C_{14}H_9ONBr_2$ Dibromophenanthroneoxime (HENSTOCK), 58.

$C_{14}H_{10}O_4NCl$ Benzoyl derivative of 2-chloro-5-nitro-*p*-cresol (DAVIES), 867.

$C_{14}H_{10}O_{10}N_4Cd$ Cadmium dinitrotolyloxides (D. and A. E. GODDARD), 2048.

$C_{14}H_{10}O_{10}N_4Mg$ Magnesium dinitrotolyloxides (D. and A. E. GODDARD), 2048.

$C_{14}H_{10}O_{10}N_4Sr$ Strontium dinitrotolyloxides (D. and A. E. GODDARD), 2047.

$C_{14}H_{10}O_{10}N_4Zn$ Zinc dinitrotolyloxides (D. and A. E. GODDARD), 2048.

$C_{14}H_{10}NClS$ 4′-Chloro-1-phenyl-5-methylbenzothiazole (MORGAN and WEBSTER), 1074.

$C_{14}H_{11}ON_3S$ 1-Phenyl-5-methylbenzothiazole-4′-diazonium hydroxide, salts of (MORGAN and WEBSTER), 1073, 1076.

$C_{14}H_{11}O_3N_3S_2$ 1-Phenyl-5-methylbenzothiazole-4′-diazosulphonic acid, sodium salts (MORGAN and WEBSTER), 1075.

$C_{14}H_{12}O_2N_2S$ *N*-Sulphidobisbenzamide (NAIK), 1168.

$C_{14}H_{12}O_4N_2S_2$ Disulphidobis-salicylamide (NAIK), 1169.

$C_{14}H_{12}O_6N_2Ba$ Barium nitrotolyloxides (D. and A. E. GODDARD), 2046.

$C_{14}H_{12}O_6N_2Ca$ Calcium nitrotolyloxides (D. and A. E. GODDARD), 2046.

$C_{14}H_{12}O_6N_2Mg$ Magnesium nitrotolyloxides (D. and A. E. GODDARD), 2047.

$C_{14}H_{12}O_6N_2Sr$ Strontium nitrotolyloxides (D. and A. E. GODDARD), 2046.

$C_{14}H_{18}O_4NBr$ Ethyl ester of α-bromopropionyl-*l*-tyrosine (SHIMOMURA and COHEN), 1823.

C_{15} Group.

$C_{15}H_{10}O_4$ 1:6-Dihydroxy-2-methylanthraquinone (SIMONSEN and RAU), 1339.

$C_{15}H_{12}O_2$ 9-Acetoxyfluorene, preparation of (HENSTOCK), 1463.

$C_{15}H_{12}O_3$ 1-Hydroxy-3-methylxanthone methyl ether (PERKIN), 1292.

$C_{15}H_{14}O_6$ Catechin, constitution of (NIERENSTEIN), 164.

2:4:6:3′:4′-Pentahydroxy-3-phenylchroman (NIERENSTEIN), 169.

15 III

$C_{15}H_4O_6Cl_{12}$ Lactone of 7:8-βββ-trichloroethylidenedioxy-2:4-bistrichloromethyl-6-βββ-trichloro-α-hydroxyethyl-1:3-benzdioxine-5-carboxylic acid (ALIMCHANDANI and MELDRUM), 208.

$C_{15}H_9O_6Cl_6$ Lactone of 7:8-dimethoxy-2:4-bistrichloromethyl-6-β-trichloro-α-hydroxyethyl-1:3-benzdioxine-5-carboxylic acid (ALIMCHANDANI and MELDRUM), 207.

$C_{15}H_{10}N_2S$ 4′-Cyano-1-phenyl-5-methylbenzothiazole (MORGAN and WEBSTER), 1076.

$C_{15}H_{11}O_6Cl_3$ 3:4:5-Triacetoxy-2-trichloromethylphthalide (ALIMCHANDANI and MELDRUM), 206.

$C_{15}H_{13}O_2N_3$ 3:5-Dimethyl*iso*oxazole-4-azo-β-naphthol (MORGAN and BURGESS), 702.

$C_{15}H_{13}O_4N_3$ 4-Nitro-2-carbethoxyazobenzene (KENNER and WITHAM), 1056.

$C_{15}H_{13}O_5N_3$ 6-Nitro-*m*-xylene-4-azosalicylic acid (PEARMAN), 718.

$C_{15}H_{13}N_4Br$ 5-Amino-4-(2′-amino-5′-bromophenyl)-2-phenylglyoxaline, and its salts (FARGHER), 160.

$C_{15}H_{14}ON_4$ 3:5-Dimethyl*iso*oxazole-4-azo-β-naphthylamine (MORGAN and BURGESS), 703.

$C_{15}H_{15}ON$ β-Amino-β-phenylpropiophenone (MCKENZIE and BARROW), 69.

$C_{15}H_{15}O_3N_3$ *p*-Nitrobenzaldoxime-*N*-*p*-ethylaminophenyl ether (BARROW and GRIFFITHS), 215.

$C_{15}H_{15}O_3N_3$ *p*-Nitrobenzaldoxime-*N*-*p*-dimethylaminophenyl ether (BARROW and GRIFFITHS), 214.

$C_{15}H_{15}O_4N$ β-Carbethoxy-α-methylvinyl indole-2-carboxylate (KERMACK, PERKIN, and ROBINSON), 1629.

$C_{15}H_{15}O_4N_3$ Nitrocarbethoxyhydrazobenzenes (KENNER and WITHAM), 1056.

$C_{15}H_{16}ON_2$ β-Amino-*p*-phenylpropionanilide (MCKENZIE and BARROW), 71.

$C_{15}H_{17}O_2N$ 4-Dimethylamino-2-hydroxybenzhydrol, and its salts (KRISHNA and POPE), 287.

$C_{15}H_{17}O_2N_3$ 3:5-Dicyano-2:6-diketo-4-*cyclo*hexenylmethyl-4-methylpiperidine (KON and STEVENSON), 92.

$C_{15}H_{17}O_5N_3$ Antipyrylaminodiacetic acid, and its salts, additive compounds of, with neutral salts (FARGHER and KING), 292.

$C_{15}H_{18}ON_2$ 6-Acetylamino-9-methyltetrahydrocarbazole (PERKIN and PLANT), 1835.

$C_{15}H_{18}N_4Cl_2$ 3:7-Diamino-2:8-dimethylphenazine methochloride (COHEN and CRABTREE), 2067.

$C_{15}H_{19}ON$ Anilide of lactonic acid $C_{10}H_{14}O_4$ (BIRCH, GOUGH, and KON), 1327.

$C_{15}H_{19}O_3N$ Anilic acid from *cyclo*-hexane-1-acetic-1-carboxylic acid (NORRIS and THORPE), 1207.

$C_{15}H_{19}O_3N_3$ Semicarbazone of *ac*-1-keto-3-ethyltetrahydronaphthyl-3-acetic acid (KON and STEVENSON), 92.

$C_{15}H_{20}O_3N_2$ Indole-2-carboxyacetalylamide (KERMACK, PERKIN, and ROBINSON), 1626.

$C_{15}H_{21}O_2N_3$ Eserine, degradation of (STEDMAN), 891.

$C_{15}H_{21}O_6Ga$ Gallium acetylacetone (MORGAN and DREW), 1061.

$C_{15}H_{21}O_6In$ Indium acetylacetone (MORGAN and DREW), 1062.

$C_{15}H_{23}O_6N$ Ethyl ω- and ω′-cyano-ω-methylmethanetriacetates (INGOLD and PERREN), 1600, 1868.

15 IV

$C_{15}H_9O_2N_2Br_3$ Dibromomalon-2:4:6-tribromoanilide (BACKES, WEST, and WHITELEY), 375.

$C_{15}H_8O_2N_2Br_6$ Dibromomalon-2:4-dibromoanilide (BACKES, WEST, and WHITELEY), 374.

$C_{15}H_8O_{10}N_6S_2$ Tetranitrodithiomesoxanilide (NAIK), 383.

$C_{15}H_{10}O_2N_2Br_4$ Dibromomalon-*p*-bromoanilide (BACKES, WEST, and WHITELEY), 374.

$C_{15}H_{11}O_2N_2Br_3$ Bromomalon-*p*-bromoanilide (BACKES, WEST, and WHITELEY), 374.

$C_{15}H_{12}O_2N_2Br_2$ Dibromomalonanilide (BACKES, WEST, and WHITELEY), 375.

$C_{15}H_{12}O_2N_2S_2$ Dithiomesoxanilide (NAIK), 382.

$C_{15}H_{14}ONCl$ β-*m*-Chlorophenylpropionanilide (KENNER and WITHAM), 1460.

$C_{15}H_{15}O_2NBr_2$ Dibromo-derivative of 4-dimethylamino-2-hydroxybenzhydrol (KRISHNA and POPE), 287.

C_{16} Group.

$C_{16}H_{12}O_2$ *o*-Dimethylanthraquinones (FAIRBOURNE), 1573.

$C_{16}H_{14}O_5$ 4′-Hydroxy-2-methoxy-3-methylbenzophenone-6-carboxylic acid, and its silver salt (SIMONSEN and RAU), 1346.

$C_{16}H_{19}As$ Phenyl-γ-phenylpropylmethylarsine (BURROWS and TURNER), 431.

$C_{16}H_{26}O_8$ Ethyl *n*-butane-αβγδ-tetracarboxylate (INGOLD), 348.

Ethyl carboxymethanetriacetate (INGOLD and POWELL), 1873.

$C_{16}H_{32}O_2$ Palmitic acid, sodium salt, adsorption by (LAING), 1669.

16 III

$C_{16}H_2O_5N_2$ 9:10-Dinitro-2-ethoxyphenanthrene (HENSTOCK), 61.

$C_{16}H_{11}O_3N_3$ 1-Benzoyl-4(or 5)-nitrophenylglyoxalines (GRANT and PYMAN), 1899.

$C_{16}H_{12}ON_2$ 1-Benzoyl-4(or 5)-phenylglyoxaline (GRANT and PYMAN), 1899.

$C_{16}H_{12}O_2S_2$ Diacetylthianthren (RÂY), 1965.

$C_{16}H_{12}O_8N_2$ Methyl γ-6:6′-dinitrodiphenate (KENNER and STUBBINGS), 599.

$C_{16}H_{13}OBr$ 10-Bromo-2-ethoxyphenanthrene (HENSTOCK), 60.

$C_{16}H_{13}O_3N_4$ Substance from benzenediazonium chloride and 4-*p*-hydroxybenzylhydantoin (SCOTT and COHEN), 671.

$C_{16}H_{14}O_3N_2$ Carbethoxyaminophenanthridone (KENNER and STUBBINGS), 601.

Phenylopiazones (FARGHER and PERKIN), 1743.

$C_{16}H_{15}O_4N$ Anilino-*m*-opianic acid (FARGHER and PERKIN), 1739.

Substance, from anilino-*m*-opianic acid and hydrochloric acid (FARGHER and PERKIN), 1740.

$C_{16}H_{15}O_4N_3$ Benzaldehyde 4-nitro-2-carbethoxyphenylhydrazone (KENNER and WITHAM), 1055.

$C_{16}H_{16}O_3N_2$ *n*-Butyrophenone-3-azoresorcinol (MORGAN and HICKINBOTTOM), 1884.

$C_{16}H_{16}O_5N_4$ 3-Nitro-4-hydroxyphenyl *n*-propyl ketone *p*-nitrophenylhydrazone (MORGAN and HICKINBOTTOM), 1888.

$C_{16}H_{17}O_2N_3$ Phenyl *n*-propyl ketone *p*-nitrophenylhydrazone (MORGAN and HICKINBOTTOM), 1882.

$C_{16}H_{17}O_3N_3$ 3-Hydroxyphenyl *n*-propyl ketone *p*-nitrophenylhydrazone (MORGAN and HICKINBOTTOM), 1885.

$C_{16}H_{17}N_2Cl$ 4-Chlorophenyl *n*-propyl ketone phenylhydrazone (MORGAN and HICKINBOTTOM), 1886.

$C_{16}H_{18}O_2N_2$ 5-Hydroxy-4-methoxy-*o*-tolyl methyl ketone phenylhydrazone (FARGHER and PERKIN), 1733.

$C_{16}H_{18}O_2S_2$ ββ′-Diphenoxydiethyl disulphide (BENNETT), 425.

$C_{16}H_{18}O_3N_2$ *o*- and *p*-Nitrophenyliminocamphor (FORSTER and SAVILLE), 794.

$C_{16}H_{18}O_4S_6$ 3:5:3′:5′-Tetraketo-4:4′-bisdithio-1:1:1′:1′-tetramethyldi*cyclo*hexyl 2:2′-disulphide (NAIK), 1240.

$C_{16}H_{19}ON$ Anilide of *cyclo*pentane*spirocyclo*hexane-3:5-dione (NORRIS and THORPE), 1207.

$C_{16}H_{19}O_4N_3$ *o*- and *p*-Nitrophenylnitrosoaminocamphor (FORSTER and SAVILLE), 793.

$C_{16}H_{19}O_5N_3$ Dinitrophenylaminocamphor (FORSTER and SAVILLE), 792.

$C_{16}H_{19}N_2I$ Phenylbenzylallylazonium iodide, additive compound of thiocarbamide and (SINGH and LAL), 211.

$C_{16}H_{20}O_7N_2$ *N*-Phenylcamphorimidoxime and Phenylnitrosoaminocamphor (FORSTER and SAVILLE), 792.

$C_{16}H_{20}N_4Cl_2$ 3-Amino-7-dimethylamino-2-methylphenazine methochloride (COHEN and CRABTREE), 2058.

$C_{16}H_{21}ON$ Phenylaminocamphor, hydrochloride of (FORSTER and SAVILLE), 791.

$C_{16}H_{21}N_2I$ Phenylbenzylpropylazonium iodide, additive compound of thiocarbamide and (SINGH and LAL), 211.

$C_{16}H_{22}ON_2$ *p*-Aminophenylaminocamphor, and its dihydrochloride (FORSTER and SAVILLE), 794.

$C_{16}H_{22}O_3N_2$ 1-Methylindole-2-carboxyacetalylamide (KERMACK, PERKIN, and ROBINSON), 1637.

Scatole-2-carboxyacetalylamide (KERMACK, PERKIN, and ROBINSON), 1635.

$C_{16}H_{22}O_4N_2$ 6-Methoxyindole-2-carboxyacetalylamide (KERMACK, PERKIN, and ROBINSON), 1633.

16 IV

$C_{16}H_8O_4N_2S$ *N*-Sulphidodiphthalimide (NAIK), 1170.

$C_{16}H_{10}O_3N_2S_2$ 5-Disulphido-1:3-diphenylbarbituric acid (NAIK), 385.

$C_{16}H_{11}ONBr_2$ Dibromo-9-acetylaminophenanthrene (HENSTOCK), 59.

$C_{16}H_{11}O_2N_4Br$ 4-*p*-Bromobenzeneazo-2-phenylglyoxaline-5-carboxylic acid, and its sodium salt (FARGHER), 159.

$C_{16}H_{11}O_3N_2Br$ 5-Bromo-1:3-diphenylbarbituric acid (BACKES, WEST, and WHITELEY), 378.

$C_{16}H_{14}ON_2S$ 2-Acetyl-3-oxy(1)thionaphthenphenylhydrazone (SMILES and MCCLELLAND), 1814.

$C_{16}H_{14}O_2N_2S_2$ Diacetylaminothianthren (RÂY), 1964.

$C_{16}H_{12}O_2N_2Cl_2$ 3:4-Dichlorophenyl *n*-propyl ketone *p*-nitrophenylhydrazone (MORGAN and HICKINBOTTOM), 1889.

$C_{16}H_{15}O_4N_2Cl$ 4-Chloro-3-nitrophenyl *n*-propyl ketone *p*-nitrophenylhydrazone (MORGAN and HICKINBOTTOM), 1888.

$C_{16}H_{16}O_2N_2Cl$ 4-Chloro-3-nitrophenyl *n*-propyl ketone phenylhydrazone (MORGAN and HICKINBOTTOM), 1888.

Chlorophenyl *n*-propyl ketone *p*-nitrophenylhydrazones (MORGAN and HICKINBOTTOM), 1885.

C_{17} Group.

$C_{17}H_8O_8$ Benzophenone-2:4:2′:4′-tetracarboxylic acid ketodilactone (MILLS and NODDER), 2099.

$C_{17}H_{10}O_8$ Benzhydrol-2:4:2′:4′-tetracarboxylic acid lactone (MILLS and NODDER), 2102.

$C_{17}H_{14}O_4$ 1:6-Dimethoxy-2-methylanthraquinone (SIMONSEN and RAU), 1347.

Phenolcitraconein, and its potassium salt (KRISHNA and POPE), 289.

$C_{17}H_{15}As$ Phenyl-α-naphthylmethylarsine (BURROWS and TURNER), 432.

$C_{17}H_{16}O_3$ Eugenol benzoates, melting points of (MCKIE), 777.

$C_{17}H_{16}O_5$ 2:4′-Dimethoxy-3-methylbenzophenone-6-carboxylic acid, and its silver salt (SIMONSEN and RAU), 1347.

$C_{17}H_{16}Br_2$ Hydrocarbon, from petroleum extract of the bromination of phenanthrene (HENSTOCK), 60.

$C_{17}H_{18}O$ Di-*m*-xylyl ketone, preparation of (MILLS and NODDER), 2099.

$C_{17}H_{20}O$ Benzylidene-*dl*-piperitone (READ and SMITH), 784.

$C_{17}H_{26}O_8$ Ethyl *cyclo*pentane-1:2:2:3-tetracarboxylate (PERKIN and ROBINSON), 1397.

17 III

$C_{17}H_8O_6Cl_2$ Acid chloride of benzophenone-2:4:2′:4′-tetracarboxylic acid ketodilactone (MILLS and NODDER), 2100.

$C_{17}H_9O_8Cl_9$ Lactone of 7:8-diacetoxy-2:4-bistrichloromethyl-6-β-trichloro-α-hydroxyethyl-1:3-benzdioxine-5-carboxylic acid (ALIMCHANDANI and MELDRUM), 207.

$C_{17}H_{10}O_4Br_4$ Tetrabromophenolcitraconein (KRISHNA and POPE), 290.

$C_{17}H_{11}N_2Cl$ 10-Chloro-9-methyl-αβ-naphthaphenazine (MORGAN and CHALLENOR), 1540.

$C_{17}H_{19}ON$ Anilide of *cyclo*hexane*spirocyclo*hexane-3:5-dione (NORRIS and THORPE), 1206.

$C_{17}H_{13}O_2N$ Dihydroxynaphthylideneanilines (MORGAN and VINING), 179.

$C_{17}H_{13}O_4N$ β-Phthalimino-β-phenylpropionic acid (MCKENZIE and BARROW), 73.

$C_{17}H_{14}O_3N_2$ 2-Carboxyindole-3-acetanilide (KERMACK, PERKIN, and ROBINSON), 1625.

$C_{17}H_{15}OAs$ Phenyl-α-naphthylmethylarsine oxide (BURROWS and TURNER), 432.

$C_{17}H_{15}O_6N$ Anilino-4:5-dimethoxyphthalonic acid, aniline salt (FARGHER and PERKIN), 1738.

$C_{17}H_{16}O_5N_2$ 1-Toluene-*p*-sulphonylnaphthylenediaminesulphonic acids, and their sodium salts (MORGAN and GRIST), 608.

$C_{17}H_{17}O_2N$ 3-Benzoylaminophenyl *n*-propyl ketone (MORGAN and HICKINBOTTOM), 1884.

$C_{17}H_{17}O_2As$ Hydroxyphenyl-α-naphthylmethylarsonium hydroxide, bromocamphorsulphonate of (BURROWS and TURNER), 432.

$C_{17}H_{17}O_4N$ Methyl anilino-*m*-opianate (FARGHER and PERKIN), 1741.

p-Toluidino-*m*-opianic acid (FARGHER and PERKIN), 1739.

$C_{17}H_{18}O_2N_2$ Dianilinoacetylacetone (MORGAN and DREW), 622.

Malondibenzylamide (BACKES, WEST, and WHITELEY), 370.

$C_{17}H_{18}O_4N_2$ αα′-Dihydroxyglutardianilides (INGOLD), 323.

Opianic acid phenylmethylhydrazones (FARGHER and PERKIN), 1743.

$C_{17}H_{19}ON$ Benzoyl-*n*-butylaniline (MILLS, HARRIS, and LAMBOURNE), 1298.

$C_{17}H_{19}O_3N$ 4-Dimethylamino-2-acetoxybenzhydrol (KRISHNA and POPE), 287.

$C_{17}H_{19}O_3N_3$ *p*-Nitrobenzaldoxime-*N*-*p*-diethylaminophenyl ether (BARROW and GRIFFITHS), 215.

$C_{17}H_{19}N_2Cl$ 6(7)-Chloro-7(6)-methylcamphanoquinoxaline (MORGAN and CHALLENOR), 1540.

$C_{17}H_{20}O_5N_6$ Di-*p*-nitrophenylhydrazinoacetylacetone (MORGAN and DREW), 621.

$C_{17}H_{21}ON$ Anilinomethylene-epicamphor (PERKIN and TITLEY), 1100.

Benzylidene-*dl*-piperitoneoxime (READ and SMITH), 788.

$C_{17}H_{22}IAs$ Phenyl-γ-phenylpropylmethylarsine methiodide (BURROWS and TURNER), 431.

$C_{17}H_{24}O_3N_2$ 1:3-Dimethylindole-2-carboxyacetalylamide (KERMACK, PERKIN, and ROBINSON), 1637.

$C_{17}H_{25}O_6N$ Ethyl α-cyano-*n*-butane-αβγδ-tetracarboxylate (INGOLD), 348.

17 IV

$C_{17}H_{12}O_3NCl$ β-Phthalimino-β-phenylpropionyl chloride (MCKENZIE and BARROW), 73.

$C_{17}H_{12}O_{10}N_6S_2$ Tetranitrodithiomesoxotoluidides (NAIK), 1235.

$C_{17}H_{13}O_2N_2Br$ Dihydroxynaphthaldehyde phenylhydrazones (MORGAN and VINING), 178.

$C_{17}H_{14}O_2N_2Br_4$ Dibromomalonbromotoluidides (BACKES, WEST, and WHITELEY), 376.

$C_{17}H_{14}O_8N_2S_2$ αγ-Disulphidoacetonedicarboxydianilide (NAIK), 1240.

$C_{17}H_{15}O_2N_2Br_3$ Bromomalon-4-bromo-*o*-toluidide (BACKES, WEST, and WHITELEY), 377.

$C_{17}H_{16}O_2N_2Br_2$ Dibromomalondibenzylamide (BACKES, WEST, and WHITELEY), 371.

Dibromomalon-*p*-toluidide (BACKES, WEST, and WHITELEY), 376.

Malonbromotoluidides (BACKES, WEST, and WHITELEY), 376.

$C_{17}H_{16}O_2N_2S$ Toluene-*p*-sulphonyl-1:4-naphthylenediamine (MORGAN and GRIST), 604.

$C_{17}H_{16}O_4N_2S_2$ Dithiomesoxodibenzylamide (NAIK), 384.

Dithiomesoxotoluidides (NAIK), 1235.

$C_{17}H_{16}O_4NCl$ Phenylchloroacetyl-*l*-tyrosine (SHIMOMURA and COHEN), 1824.
$C_{17}H_{16}O_4N_5Cl$ Diacetyl derivative of 4′-nitrobenzene-5-azo-6-chloro-2:4-tolylenediamine (MORGAN and JONES), 188.
$C_{17}H_{17}O_3N_2Br$ Bromomalondibenzylamide (BACKES, WEST, and WHITELEY), 370.
Bromomalon-*p*-toluidide (BACKES, WEST, and WHITELEY), 376.
$C_{17}H_{17}O_2N_4Cl$ Diacetyl derivative of benzene-5-azo-6-chloro-2:4-tolylenediamine (MORGAN and JONES), 188.

C_{18} Group.

$C_{18}H_{16}O_5$ Piperonylidene derivative of 5-hydroxy-4-methoxy-*o*-tolyl methyl ketone (FARGHER and PERKIN), 1733.
$C_{18}H_{18}O_3$ Benzylidene derivative of 4:5-dimethoxy-*o*-tolyl methyl ketone (FARGHER and PERKIN), 1732.
$C_{18}H_{18}O_5$ Methyl 2:4′-dimethoxy-3-methylbenzophenone-6-carboxylate (SIMONSEN and RAU), 1346.
$C_{18}H_{20}O_3$ Benzoyloxymethylene-epicamphor (PERKIN and TITLEY), 1099.
$C_{18}H_{30}O_2$ Linolenic acid, and its salts (COFFEY), 1306; oxidation of (COFFEY), 1409.
$C_{18}H_{32}O_2$ Linolic acid, oxidation of (COFFEY), 1408.

18 III

$C_{18}H_{12}O_8N_4$ "Diacetylhydrazide" of γ-6:6′-dinitrodiphenic acid (KENNER and STUBBINGS), 600.
$C_{18}H_{14}ON_2$ Cinnamoylaminoquinolines (HAMER), 1437.
$C_{18}H_{15}O_4N$ Methyl β-phthalimino-β-phenylpropionate (MCKENZIE and BARROW), 74.
$C_{18}H_{15}O_6Cl_3$ βββ-Trichloro-4:4′-dihydroxy-αα-di-*m*-tolylethane-5:5′-dicarboxylic acid, and its calcium salt (ALIMCHANDANI and MELDRUM), 209.
$C_{18}H_{16}O_6N_2$ γ-6:6′-Diacetylaminodiphenic acid (KENNER and STUBBINGS), 600.
$C_{18}H_{16}O_8N_2$ Ethyl γ-6:6′-dinitrodiphenate (KENNER and STUBBINGS), 599.
$C_{18}H_{16}O_8N_4$ Dinitro-2:3:6:7-tetramethoxyanthraquinonedi-imide (KEFFLER), 1481.
$C_{18}H_{17}O_6N$ *p*-Toluidino-4:5-dimethoxyphthalonic acid, *p*-toluidine salt (FARGHER and PERKIN), 1739.
$C_{18}H_{17}O_6N_3$ Diacetyl derivative of 6-nitro-*m*-xylene-4-azoresorcinol (PEARMAN), 717.
$C_{18}H_{18}O_4N_2$ 2:3:6:7-Tetramethoxyanthraquinonedi-imide (KEFFLER), 1480.
$C_{18}H_{18}O_6N_4$ Ethylidenebis-*p*-nitrophenylacetamide (GUPTA), 302.
$C_{18}H_{18}O_7N_2$ *o*-Azoxy-*p*-methoxyphenylacetic acid (KERMACK, PERKIN, and ROBINSON), 1631.
$C_{18}H_{18}N_4Cl_2$ Tetramethylenebis-2-chloro-4:5-diaminotoluene (MORGAN and CHALLENOR), 1541.
$C_{18}H_{18}IAs$ Phenyl-α-naphthylmethylarsine methiodide (BURROWS and TURNER), 432.
$C_{18}H_{20}O_2N_2$ 6:6′-Diacetylamino-2:2′-ditolyl (KENNER and STUBBINGS), 600.
Methylmalonotoluidides (NAIK), 1238.
$C_{18}H_{21}O_2N_3$ *m*-4-Xylyl-*n*-propyl ketone *p*-nitrophenylhydrazone (MORGAN and HICKINBOTTOM), 1889.
$C_{18}H_{21}N_4Cl$ 3-Amino-2-methyl-*N*-methyltetrahydroquinolinophenazine methochloride (COHEN and CRABTREE), 2065.
$C_{18}H_{29}O_2N$ Phenylacetylaminocamphor (FORSTER and SAVILLE), 791.
$C_{18}H_{23}O_2Cl$ *l*-Menthyl *dl*-phenylchloroacetate (SHIMOMURA and COHEN), 1818.

$C_{18}H_{25}O_2Br$ *l*-Menthyl *dl*-phenylbromoacetate (SHIMOMURA and COHEN), 1820.

$C_{18}H_{27}O_8N$ Ethyl ω-cyano-ω′-carboxy-ω″-methylmethanetriacetate (INGOLD and PERREN), 1599.

$C_{18}H_{30}O_2Br_6$ Hexabromostearic acid, and its salts (COFFEY), 1306.

$C_{18}H_{41}O_3N_3$ Tri(diethylaminomethyl) glyceryl ether (MCLEOD and ROBINSON), 1473.

18 IV

$C_{18}H_{16}O_6N_2S_2$ ββ′-Di-*p*-nitrobenzoyldiethyl disulphide (BENNETT and WHINCOP), 1861.

$C_{18}H_{24}ONCl$ Phenylchloroaceto-*d*-bornylamide (SHIMOMURA and COHEN), 1823.

$C_{18}H_{26}ONCl$ Phenylchloroaceto-*l*-menthylamide (SHIMOMURA and COHEN), 1823.

C_{19} Group.

$C_{19}H_{13}N$ 5-Phenylacridine, picrates of (BASSETT and SIMMONS), 417.

$C_{19}H_{14}O_6$ Acetyl derivative of 1:6-dimethoxy-2-methylanthraquinone (SIMONSEN and RAU), 1347.

$C_{19}H_{16}O_3$ Fluoran derivative of citraconic anhydride (KRISHNA and POPE), 291.

$C_{19}H_{18}O_4$ Phenolcitraconein dimethyl ether (KRISHNA and POPE), 290.

$C_{19}H_{20}O_6$ 4:6:3′:4′-Tetramethoxy-3-phenylchroman-2-one (NIERENSTEIN), 167.

$C_{19}H_{22}O_6$ 2-Hydroxy-4:6:3′:4′-tetramethoxy-3-phenylchroman (NIERENSTEIN), 168.

$C_{19}H_{28}O_3$ *l*-Bornyl α-hydroxy-β-phenylpropionates (WREN and WRIGHT), 802.

$C_{19}H_{32}O_3$ *l*-Menthyl-*d*-atrolactinate (WREN and WRIGHT), 800.

l-Menthyl-*l*-α-hydroxy-β-phenylpropionate (WREN and WRIGHT), 802.

$C_{19}H_{36}O_{11}$ Hexamethyl methylcellobioside (HAWORTH and HIRST), 198.

19 III

$C_{19}H_{14}NBr$ Anthranylpyridinium bromide (+ H_2O) (BARNETT and COOK), 907.

$C_{19}H_{15}ON$ Anthranylpyridinium hydroxide, salts of (BARNETT and COOK), 907.

$C_{19}H_{16}ON_2$ Cinnamoylaminoquinaldines (HAMER), 1437.

$C_{19}H_{16}O_4N_2$ Anhydride of 2-carboxyindole-3-acetanilide and acetic acid (KERMACK, PERKIN, and ROBINSON), 1625.

$C_{19}H_{18}ON_2$ 6-Benzoylaminotetrahydrocarbazole (PERKIN and PLANT), 1833.

$C_{19}H_{18}O_3N_2$ *cyclo*Pentanone-3:4-dicarboxyanilide (INGOLD), 350.

$C_{19}H_{19}O_2N$ 4′-Dimethylamino-2-hydroxydistyryl ketone, and its additive products (HEILBRON and BUCK), 1500, 1515.

$C_{19}H_{20}O_3N_2$ Acetonedicarboxyditoluidides (NAIK), 1241.

$C_{19}H_{20}O_4N_2$ Dianilic acid from methanetriacetic acid (INGOLD), 353.

$C_{19}H_{22}O_3N_2$ Hydroxylamino-derivative of 4′-dimethylamino-2-hydroxydistyryl ketone (HEILBRON and BUCK), 1518.

$C_{19}H_{22}O_4N_2$ αα′-Dihydroxyglutardi-*p*-toluidides (INGOLD), 323.

$C_{19}H_{23}O_3N_3$ Hydroxylamino-derivative of 4′-dimethylamino-2-hydroxydistyryl ketoxime (HEILBRON and BUCK), 1518.

p-Nitrobenzaldoxime-*N*-*p*-di-*n*-propylaminophenyl ether (BARROW and GRIFFITHS), 215.

$C_{19}H_{25}O_5N_3$ Ethyl antipyrylaminodiacetate (FARGHER and KING), 297.

$C_{19}H_{27}O_2Br$ *l*-Menthyl *dl*-α-bromo-β-phenylpropionate (SHIMOMURA and COHEN), 1821.

19 IV

$C_{19}H_{16}ONBr_3$ Anthranylpyridinium perbromide (BARNETT and COOK), 907.

$C_{19}H_{17}ON_2I$ Cinnamoylaminoquinoline methiodides (HAMER), 1437.

$C_{19}H_{18}O_3N_2S_2$ αγ-Disulphidoacetonedicarboxyditoluidides (NAIK), 1241.

$C_{19}H_{19}ON_4I$ Phenylhydrazine derivative ($+ 3H_2O$) of substance $C_7H_7O_3I$ (COLLIE and REILLY), 1554.

$C_{19}H_{20}O_4NCl$ Ethyl ester of phenylchloroacetyl-*l*-tyrosine (SHIMOMURA and COHEN), 1824.

C_{20} Group.

$C_{20}H_{10}O_4$ Dinaphtha-1:7:1′:7′-diquinone (MORGAN and VINING), 1707.

$C_{20}H_{13}N_3$ Aminophenanthraphenazines (WATSON and DUTT), 1215.

$C_{20}H_{14}O_4$ Phenolphthalein, preparation of (WARD), 850.

1:7:1′:7′-Tetrahydroxydinaphthyl (MORGAN and VINING), 1712.

$C_{20}H_{14}N_4$ Diaminophenanthraphenazines (WATSON and DUTT), 1215.

$C_{20}H_{15}N_3$ 2:7:11-Triaminophenanthraphenazine, and its hydrochloride (WATSON and DUTT), 1217.

$C_{20}H_{16}O$ Triphenylvinyl alcohol, constitution of (MCKENZIE and BOYLE), 1131.

$C_{20}H_{16}N_4$ 2:7-Diaminodihydrophenanthraphenazine, and its hydrochloride (WATSON and DUTT), 1216.

$C_{20}H_{17}N$ 9-Phenylamino-9:10-dihydroanthracene (BARNETT and COOK), 909.

$C_{20}H_{18}O_9$ *m*-Opianic anhydride (FARGHER and PERKIN), 1742.

$C_{20}H_{24}O_7$ ω-Hydroxy-3:4:2′:4′:6′-pentamethoxy-αα-diphenylpropan-β-one (NIERENSTEIN), 166.

$C_{20}H_{24}N_4$ Base, from formaldehyde and 4:6-diamino-*m*-xylene (PEARMAN), 720.

$C_{20}H_{38}O_{11}$ Heptamethyl methylcellobioside (HAWORTH and HIRST), 199.

20 III

$C_{20}H_{10}Cl_2S_2$ Substance, from α-chloronaphthalene and sulphur chloride (RÂY), 1964.

$C_{20}H_{12}O_4N_2$ Dinaphtha-1:7:1′:7′-diquinonedioxime (MORGAN and VINING), 1711.

$C_{20}H_{14}O_2N_2$ 2:7-Dihydroxydihydrophenanthraphenazine (WATSON and DUTT), 1217.

$C_{20}H_{14}ClBi$ Di-α-naphthylchlorobismuthine (CHALLENGER and ALLPRESS), 918.

$C_{20}H_{16}O_2N_2$ 9-Nitrophenylamino-9:10-dihydroanthracenes (BARNETT and COOK), 909.

$C_{20}H_{18}O_2N_2$ *n*-Butyrophenoneazo-β-naphthols (MORGAN and HICKINBOTTOM), 1884.

$C_{20}H_{19}ON_3$ *n*-Butyrophenone-3-azo-β-naphthylamine (MORGAN and HICKINBOTTOM), 1884.

$C_{20}H_{19}O_2N_3$ 6-Acetylamino-*m*-xylene-4-azo-β-naphthol (PEARMAN), 718.

$C_{20}H_{20}BrAs$ Phenyl-α-naphthylmethylallylarsonium bromide (BURROWS and TURNER), 434.

$C_{20}H_{21}O_2N$ 4′-Dimethylamino-2-methoxydistyryl ketone, and its additive compounds (HEILBRON and BUCK), 1509.

$C_{20}H_{22}O_4N_2$ 2:6-Dimethoxy-3:7-diethoxyanthraquinonedi-imide (KEFFLER), 1482.

$C_{20}H_{24}ON_2$ 4-Amino-1-naphthylaminocamphor, and its hydrochloride (FORSTER and SAVILLE), 797.

$C_{20}H_{24}O_2N_2$ Quinine, hexabromostearate of (COFFEY), 1309.

$C_{20}H_{25}O_3N_3$ Hydroxylamino-derivative of 4′-dimethylamino-2-methoxydistyryl ketoxime (HEILBRON and BUCK), 1518.

20 IV

$C_{20}H_{16}O_2N_2S$ Naphthalene-α- and -β-sulphonyl-1:4-naphthylenediamine (MORGAN and GRIST), 605.

$C_{20}H_{19}ON_2I$ Cinnamoylaminoquinaldine methiodides (HAMER), 1437.

C_{21} Group.

$C_{21}H_{16}O_5$ Resorcinolcoumarein (KRISHNA), 1424.

$C_{21}H_{16}O_8$ Ethyl benzophenone-2:4:2′:4′-tetracarboxylate ketodilactone (MILLS and NODDER), 2101.

$C_{21}H_{18}O_6$ Diacetyl derivative of phenolcitraconein (KRISHNA and POPE), 290.

$C_{21}H_{19}N$ 9-Phenylmethylamino-9:10-dihydroanthracene (BARNETT and COOK), 912.

9-Tolylamino-9:10-dihydroanthracenes (BARNETT and COOK), 910.

$C_{21}H_{20}O_5$ Phenolcoumarein, and its salts (KRISHNA), 1420.

$C_{21}H_{21}Bi$ Tri-*m*-tolylbismuthine (CHALLENGER and ALLPRESS), 920.

$C_{21}H_{22}O_4$ Phenolcitraconein diethyl ether (KRISHNA and POPE), 291.

$C_{21}H_{28}O_4$ Methylenebis*cyclo*pentane*spirocyclo*hexane-3:5-dione (NORRIS and THORPE), 1208.

21 III

$C_{21}H_{12}O_3Br_4$ Tetrabromophenolcoumarein (KRISHNA), 1424.

$C_{21}H_{12}O_5Br_4$ Tetrabromoresorcinolcoumarein (KRISHNA), 1425.

$C_{21}H_{15}N_2Cl$ 5-Chloro-2:3-diphenyl-6-methylquinoxaline (MORGAN and GLOVER), 1706.

6(7)-Chloro-2:3-diphenyl-7(6)-methylquinoxaline (MORGAN and CHALLENOR), 1539.

$C_{21}H_{16}O_3Br_2$ Phenoldibromocoumarein (KRISHNA), 1424.

$C_{21}H_{17}O_2N$ 9-*o*-Carboxyphenylamino-9:10-dihydroanthracene (BARNETT and COOK), 910.

$C_{21}H_{19}O_2N$ 6-Dimethylamino-3-hydroxy-9-phenylxanthen (KRISHNA and POPE), 288.

$C_{21}H_{19}N_2I$ 1:1′-Dimethyl*iso*cyanine iodide (HAMER), 1439.

$C_{21}H_{20}O_4Cl$ Ethyl di-*n*-chlorobenzylmalonate (KENNER and WITHAM), 1460.

$C_{21}H_{20}N_3I$ Amino-1:1′-dimethyl*iso*cyanine iodides (HAMER), 1443.

$C_{21}H_{21}O_3N$ Acetyl derivative of 4′-dimethylamino-2-hydroxydistyryl ketone (HEILBRON and BUCK), 1509.

$C_{21}H_{22}O_2N_2$ Strychnine, hexabromostearate of (COFFEY), 1309.

$C_{21}H_{23}ON$ β-Naphthylaminomethylene-epicamphor (PERKIN and TITLEY), 1100.

$C_{21}H_{24}ON_2$ *pp*′-Tetramethyldiaminodistyryl ketone (HEILBRON and BUCK), 1514.

$C_{21}H_{24}O_2N_4$ Semicarbazone of 4′-dimethylamino-2-methoxydistyryl ketone (HEILBRON and BUCK), 1519.

$C_{21}H_{27}ON$ 2-Benzoylamino-1:4-di-*n*-butylbenzene (MORGAN and HICKINBOTTOM), 1893.

$C_{21}H_{27}O_3N_4$ Semicarbazide derivative of 4′-dimethylamino-2-hydroxydistyryl ketone semicarbazone (HEILBRON and BUCK), 1519.

C_{22} Group.

$C_{22}H_{10}O_4$ 1:2-Phthaloylanthraquinone (FAIRBOURNE), 1580.
$C_{22}H_{34}Si_2$ *dl*-Diphenyldiethyldipropylsilicoethane (KIPPING), 648.

22 III

$C_{22}H_{16}ON_2$ 1-Methoxy-2-methylphenanthraphenazine (SIMONSEN and RAU), 1343.
$C_{22}H_{19}O_2N$ β-Benzoylamino-β-phenylpropiophenone (MCKENZIE and BARROW), 73.
$C_{22}H_{21}ON$ 6-Dimethylamino-3-hydroxy-9-phenyl-2-methylxanthen (KRISHNA and POPE), 288.
$C_{22}H_{21}O_3N$ 4-Dimethylamino-2-benzoyloxybenzhydrol (KRISHNA and POPE), 288.
$C_{22}H_{22}O_2N_2$ Butyro-2:4-dimethylphenone-5-azo-β-naphthol (MORGAN and HICKINBOTTOM), 1890.
$C_{22}H_{24}O_4S_8$ 1:1′-Di*cyclo*hexane*spiro*-3:5:3′:5′-tetraketo-4:4′-bisdithiodi*cyclo*hexylene-2:2′:6:6′-bisdisulphide (NAIK), 1240.
$C_{22}H_{24}O_3N_4$ *p*-Nitrobenzeneazophenylaminocamphor (FORSTER and SAVILLE), 796.
$C_{22}H_{26}O_4N_2$ Mitraversine, and its hydrochloride (FIELD), 891.
$C_{22}H_{31}O_5N$ Mitragynine, and its salts (FIELD), 888.

22 IV

$C_{22}H_{18}O_3N_2Cl_2$ Ethyl αα-bis-3-chloro-2-cyanobenzylacetoacetate (KENNER and WITHAM), 1459.
$C_{22}H_{24}O_4N_2S_2$ Di-*p*-toluenesulphonyl-4:6-diamino-*m*-xylene (PEARMAN), 719.
$C_{22}H_{25}O_4N_3S$ *p*-Sulphobenzeneazophenylaminocamphor (FORSTER and SAVILLE), 796.
$C_{22}H_{26}O_4N_4S_2$ Methylmalonomono-*o*-toluidide disulphide (NAIK), 1238.

C_{23} Group.

$C_{23}H_{32}O_4$ Methylenebis*cyclo*hexane*spirocyclo*hexane-3:5-dione (NORRIS and THORPE), 1206.

23 III

$C_{23}H_{12}O_6S_2$ Methylene bis-(1)thionaphtha-4-oxycoumarin (SMILES and MCCLELLAND), 1816.
$C_{23}H_{17}O_3N$ β-Phthalimino-β-phenylpropiophenone (MCKENZIE and BARROW), 75.
$C_{23}H_{18}O_3N_2$ β-Phthalimino-β-phenylpropionanilide (MCKENZIE and BARROW), 74.
$C_{23}H_{19}O_4N$ β-Benzoyl-α-phenylethylphthalamic acid (MCKENZIE and BARROW), 75.
$C_{23}H_{22}O_2N_2$ Benzylidenebisphenylacetamide (GUPTA), 300.
$C_{23}H_{24}O_3N_2$ Benzoyl derivative of phenylcamphorimide (FORSTER and SAVILLE), 792.
$C_{23}H_{26}O_2N_2$ *p*-Benzoylaminophenylaminocamphor (FORSTER and SAVILLE), 795.

23 IV

$C_{23}H_{10}O_{15}N_6S$ Hexanitro-derivative of oxythiomesoxo-α-naphthylamide (NAIK), 1236.
$C_{23}H_{12}O_{10}N_6S_2$ Tetranitrodithiomesoxonaphthylamides (NAIK), 1236.
$C_{23}H_{16}O_2N_2S_2$ Dithiomesoxonaphthylamides (NAIK), 1236.
$C_{23}H_{22}ON_2I$ Acetylamino-1:1′-dimethyl*iso*cyanine iodides (HAMER), 1441.

C_{24} Group.

$C_{24}H_{16}N_2$ Dicarbazyls, isomeric (PERKIN and TUCKER), 221.

$C_{24}H_{19}N$ 9-β-Naphthylamino-9:10-dihydroanthracene (BARNETT and COOK), 911.

$C_{24}H_{24}O_4$ Phenolcoumarein trimethyl ether (KRISHNA), 1423.

$C_{24}H_{38}Si_2$ *dl*-Dibenzyldiethyldipropylsilicoethane (KIPPING), 649.

24 III

$C_{24}H_{20}N_2Br_2$ 9:10-Dihydroanthraquinyldipyridinium dibromide (BARNETT and COOK), 904.

$C_{24}H_{20}N_2Br_6$ 9:10-Dihydroanthraquinyldipyridinium perbromide (BARNETT and COOK), 905.

$C_{24}H_{22}O_2N_2$ 9:10-Dihydroanthraquinyldipyridinium dihydroxide, salts of (BARNETT and COOK), 906.

$C_{24}H_{22}BrAs$ Phenyl-α-naphthylbenzylmethylarsonium bromide (BURROWS and TURNER), 435.

$C_{24}H_{22}IAs$ Phenyl-α-naphthylbenzylmethylarsonium iodide (BURROWS and TURNER), 436.

$C_{24}H_{23}OAs$ Phenyl-α-naphthylbenzylmethylarsonium hydroxide, salts of (BURROWS and TURNER), 435.

$C_{24}H_{24}O_2N_2$ Phenylethylidenebisphenylacetamide (GUPTA), 302.

$C_{24}H_{24}O_3N_2$ Anisylidenebisphenylacetamide (GUPTA), 301.

24 IV

$C_{24}H_{16}O_4N_4S$ Diamino-15-hydroxyphenanthranaphthazine-13-sulphonic acids (WATSON and DUTT), 1218.

$C_{24}H_{17}ON_3S$ 1-Phenyl-5-methylbenzothiazole-4-azo-β-naphthol (MORGAN and WEBSTER), 1073.

$C_{24}H_{38}O_6S_2Si_2$ Dibenzyldiethyldipropylsilicoethanedisulphonic acid, *l*-menthylamine salt (KIPPING), 652.

C_{25} Group.

$C_{25}H_{22}O_6$ Diacetyl derivative of phenolcoumarein (KRISHNA), 1423.

25 III

$C_{25}H_{21}ON$ 8-Dimethylamino-11-phenyl-β-naphthaxanthen (KRISHNA and POPE), 288.

$C_{25}H_{23}O_3As$ Homopiperonylphenyl-α-naphthylmethylarsonium hydroxide, salts of (BURROWS and TURNER), 434.

$C_{25}H_{24}O_2N_2$ Cinnamylidenebisphenylacetamide (GUPTA), 301.

$C_{25}H_{25}ON_3$ 4′-Dimethylamino-2-hydroxydistyryl ketone phenylhydrazone (HEILBRON and BUCK), 1519.

$C_{25}H_{26}O_5N_2$ 4:6:3′:4′-Tetramethoxy-3-phenylchroman-2-one phenylhydrazone (NIERENSTEIN), 167.

25 IV

$C_{25}H_{22}OBrAs$ Phenacylphenyl-α-naphthylmethylarsonium bromide (BURROWS and TURNER), 434.

$C_{25}H_{22}O_2BrAs$ Homopiperonylphenyl-α-naphthylmethylarsonium bromide (BURROWS and TURNER), 434.

C_{26} Group.

$C_{26}H_{20}S_2$ Dibenzylthianthren (RÂY), 1965.

$C_{26}H_{21}N$ 9-Diphenylamino-9:10-dihydroanthracene (BARNETT and COOK), 912.

$C_{26}H_{21}N_3$ 9-*p*-Benzeneazophenylamino-9:10-dihydroanthracene (BARNETT and COOK), 911.

26 III

$C_{26}H_{16}O_6N_4$ Dianilide of γ-6:6′-dinitrodiphenic acid (KENNER and STUBBINGS), 599.

$C_{26}H_{20}N_4S_2$ 3:6-Dithio-1:2:4:5-tetraphenylhexahydro-1:2:4:5-tetrazine (NAIK), 1169.

$C_{26}H_{27}ON_3$ 4′-Dimethylamino-2-methoxydistyryl ketone phenylhydrazone, and its pyridine additive compound (HEILBRON and BUCK), 1520.

$C_{26}H_{34}O_2N_2$ Camphorylaminophenyliminocamphor (FORSTER and SAVILLE), 795.

26 IV

$C_{26}H_{20}O_2N_2S_3$ Trisulphidobisbenzanilide (NAIK), 1169.

$C_{26}H_{22}O_4N_4S_2$ Benzene-1:3-disulphonylbis-1:4-naphthylenediamine (MORGAN and GRIST), 606.

$C_{26}H_{22}O_6N_6S_2$ 2:7-Diaminophenanthraquinonediphenylhydrazone-*pp*′-disulphonic acid (WATSON and DUTT), 1221.

$C_{26}H_{27}O_4N_3S$ *p*-Sulphobenzeneazonaphthylaminocamphor (FORSTER and SAVILLE), 797.

C_{27} Group.

$C_{27}H_{13}O_8Cl_9$ Lactone of 7:8-dibenzoyloxy-2:4-bistrichloromethyl-6-β-trichloro-α-hydroxyethyl-1:3-benzdioxine-5-carboxylic acid (ALIMCHANDANI and MELDRUM), 207.

C_{28} Group.

$C_{28}H_{22}O_8$ 1:7:1′:7′-Tetra-acetoxydinaphthyl (MORGAN and VINING), 1713.

28 III

$C_{28}H_{23}O_3N$ 6-Dimethylamino-3-benzoyloxy-9-phenylxanthen (KRISHNA and POPE), 288.

$C_{28}H_{23}N_4Cl$ 2:7-Diamino-11:4′-dimethylflavinduline chloride (WATSON and DUTT), 1219.

$C_{28}H_{24}O_4N_4$ Tetra-acetyl derivative of 2:7-diaminodihydrophenanthraphenazine (WATSON and DUTT), 1217.

28 IV

$C_{28}H_{19}O_4N_4Cl$ 2:7-Dinitro-11:4′-dimethylflavinduline chloride (WATSON and DUTT), 1218.

C_{30} Group.

$C_{30}H_{36}O_4N_2$ Camphoryl-1-aminonaphthyl-4-iminocamphor (FORSTER and SAVILLE), 798.

30 IV

$C_{30}H_{24}O_4N_4S_2$ Naphthalenedisulphonylbis-1:4-naphthalenediamines (MORGAN and GRIST), 606.

$C_{30}H_{26}ON_2I$ Cinnamoylamino-1:1′-dimethyl*iso*cyanine iodides (HAMER), 1440.

C_{31} Group.

$C_{31}H_{22}O_8$ Dibenzoyl derivative of phenolcitraconein (KRISHNA and POPE), 290.

C_{32} Group.

$C_{32}H_{37}O_2N_3$ *pp*′-Bisiminocamphordiphenylamine (B. K. and M. SINGH and LAL), 1975.

$C_{32}H_{40}O_2N_2$ *pp*′-Diphenylenebisaminocamphor (B. K. and M. SINGH and LAL), 1974.

32 IV

$C_{32}H_{30}O_4N_4S_2$ Methylmalonanilide disulphide (NAIK), 384.

C_{34} Group.

$C_{34}H_{26}O_2$ Substance, from magnesium phenyl bromide and diphenylchloroacetyl chloride (MCKENZIE and BOYLE), 1138.

34 III

$C_{34}H_{30}O_2N_2$ *oo'*-Ditolylenebisiminocamphor (B. K. and M. SINGH and LAL), 1973.

$C_{34}H_{30}O_4N_2$ *oo'*-Dimethoxydiphenylenebisiminocamphor (B. K. and M. SINGH and LAL), 1974.

34 IV

$C_{34}H_{22}O_{10}N_6S_2$ Phenanthraquinonebis-(2')-azo-7'-amino-1'-hydroxynaphthalene-3'-sulphonic acids (WATSON and DUTT), 1219.

$C_{34}H_{34}O_4N_2S_2$ Malondimethylanilide disulphide (NAIK), 384.

C_{36} Group.

$C_{36}H_{26}O_{28}N_{16}S_2$ Dodecanitro-derivative of methylmalono-*p*-toluidide disulphide (NAIK), 1238.

$C_{36}H_{38}O_4N_4S_2$ Methylmalonotoluidide disulphides (NAIK), 1238.

C_{40} Group.

$C_{40}H_{27}O_8N_9S_2$ 11-Aminophenanthraphenazine-2:7-bis-(2')-azo-7'-amino-1'-hydroxynaphthalene-3'-sulphonic acid (WATSON and DUTT), 1220.

$C_{40}H_{28}O_6N_8S_2$ Dihydrophenanthraphenazine-2:7-bis-(2')-azonaphthionic acid (WATSON and DUTT), 1220.

C_{42} Group.

$C_{42}H_{30}O_7$ Tribenzoyl derivative of phenolcoumarein (KRISHNA), 1423.

C_{44} Group.

$C_{44}H_{26}O_{16}N_{16}$ Dinaphtha-1:7:1':7'-diquinonetetra-2:4-dinitrophenylhydrazone (MORGAN and VINING), 1712.

$C_{44}H_{48}O_2N_6$ *pp*-Diphenylenebisazophenylaminocamphor (FORSTER and SAVILLE), 797.

C_{48} Group.

$C_{48}H_{40}OSi_4$ Octaphenylsilicotetrane oxide (KIPPING and SANDS), 840.

$C_{48}H_{40}O_2Si_4$ Octaphenylsilicotetrane oxide, rhomboidal (KIPPING and SANDS), 844.

$C_{48}H_{40}I_2Si_4$ Octaphenyldi-iodosilicotetrane (KIPPING and SANDS), 830.

ERRATA.

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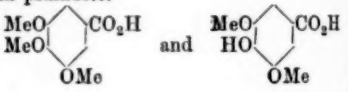
Page	Line	
1386	6*	*for* "latter" *read* "heat of formation of methane."

Vol. 117 (Trans., 1920).

Page		
56	Table V in third column *for* { "5·74" / 6·62 / 5·15 } *read* { "57·4" / 66·2 / 51·5 }	

Page	Line		
83	1*	*for*	"$C_5H_{10}O_3N_2S$" *read* "$C_5H_{10}O_5N_2S$."
345	21*	,,	"oxide, a little water" *read* "oxide and a little water."
348	6*	,,	"citronellal" *read* "citronellol."
350	2	,,	"pæonal" *read* "pæonol."
475	13	,,	"*s*" read "*S*."
475	14	,,	"9ηs" *read* "9ηS."
475	2*	,,	"0·15 cm." *read* "0·1588 cm."
476	1	,,	
476	15	,,	
478	10	,,	"6·69" *read* "6·69 × 19·4."
646	26	,,	"Mr. E. A. Perren" *read* "Messrs. R. Craven and E. A. Perren."
646	27	,,	"his" *read* "their."
648	17	,,	"*N*/10-$KMnO_4$" *read* "*N*/10-$KMnO_4$ equivalent to."
648	20	,,	"0·03994" *read* "0·03004."
661	12	,,	"sodium sulphate" *read* "sodium hydrogen sulphate."
832	6	,,	"lead acetate" *read* "sodium plumbite."
965		,,	formulæ V. and VI. *read*  respectively.
1024	6*	,,	"positive" *read* "negative."
1026	16*		the formula should be "$3K_3[Fe(CN)_6], K_2[Fe(CN)_5H_2O]$."
1218	19		col. 2 *for* "167·90" *read* "157·90."
1219			diagram *insert* "y" values at end of horizontal lines, namely, from below upwards "100, 90, 80, 70, 60."
1270	7*	*for*	"$C_{12}H_{12}O_3N_4$" *read* "$C_{18}H_{12}O_3N_4$."
1276	22	,,	"N=17·37. $C_{13}H_{10}O_6N_4$ requires N=17·73" *read* "N=16·35. $C_{20}H_{19}O_6N_5$ requires N=16·47."
1560	4*	,,	"2β" *read* "2θ."
1560	13*	,,	"2θ" *read* "2β."
1560	13*	,,	"2β" *read* "2θ."

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29	9*	,,	"Shenstone" *read* "Stenhouse."
30	3*	,,	
50	14	,,	"$SrCS_3, 8H_2O$" *read* "$SrCS_4, 8H_2O$."
63	4	,,	"salts in millimols." *read* "salts and soaps in millimols. per cent."
63			
64			
65			in tables I, II, V, VI, and VIII *after* "millimols." *insert* "per cent."
66			
68	15		*for* "renewal" *read* "reversal."

* From bottom.

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Page	Line	
307		*for* "denominator of equation" *read* "$4(Vv)^{\frac{1}{2}} - (V^{\frac{1}{2}} + v^{\frac{1}{2}})$."
389	8*	,, "cis-*Citraconatodiethylenediamine*" read "cis-*Citraconatodiethylenediaminecobaltic.*"
1390 1391 1392		In equations (6), (7), (8) and in tables II, III, IV *for* "$\log_e$" *read* "$\log_{10}$."
1590	11	*for* "αγ-dicarboxy-α-methylglutaconate" *read* "αγ-dicarboxy-α-benzylglutaconate."
1735	14	,, "$(C_{11}H_{10}O_6)_2Ca$" *read* "$(C_{11}H_9O_7)_2Ca$."

* From bottom.